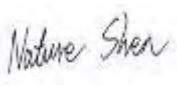
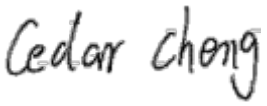
TEST REPORT

Application No.:	SUCR2601000057WM
FCC ID:	2BEPUFMP204
Applicant:	FCNT LLC.
Address of Applicant:	Sanki Yamato Bldg. 3F, 7-10-1, Chuorinkan, Yamato-shi, Kanagawa, 242-0007, Japan
Manufacturer:	FCNT LLC.
Address of Manufacturer:	Sanki Yamato Bldg. 3F, 7-10-1, Chuorinkan, Yamato-shi, Kanagawa, 242-0007, Japan
Equipment Under Test (EUT):	
EUT Name:	Mobile Cellular Phone
Model No.:	F-52G,M09 ♣
♣	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade Mark:	arrows We3
Standard(s) :	47 CFR Part 15, Subpart E 15.407
Date of Receipt:	2026-01-22
Date of Test:	2026-01-23 to 2026-02-05
Date of Issue:	2026-03-23
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
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Revision Record			
Version	**Description**	***Date***	***Remark***
00	Original	2026-02-27	/
01	1.Update test date This report is an updated version, replacing the report issued on February 27, 2026.	2026-03-23	/

Authorized for issue by:				
Tested By		 **Nature Shen/Project Engineer**		
Approved By		 **Cedar Cheng /Reviewer**		

2 Test Summary

Radio Spectrum Technical Requirement				
Item	**Standard**	**Method**	**Requirement**	**Result**
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Pass
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	Pass

Radio Spectrum Matter Part				
Item	**Standard**	**Method**	**Requirement**	**Result**
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Radiated Emissions (Below 1GHz)		ANSI C63.10 (2020) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.10 (2020) Section 6.6 & 12.7	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		ANSI C63.10 (2020) Section 6.10.5 & 12.7.2	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Duty Cycle		ANSI C63.10 (2020) Section 12.2	ANSI C63.10 (2020) Section 12.2	Pass
99% Bandwidth		ANSI C63.10 (2020) Section 12.5.3	ANSI C63.10 (2020) Section 12.5.3	Pass
26dB Emission Bandwidth		ANSI C63.10 (2020) Section 12.5.2	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB Bandwidth (5.725-5.85 GHz band)		ANSI C63.10 (2020) Section 12.5.1	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted Output Power		ANSI C63.10 (2020) Section 12.4	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Power Spectral Density		ANSI C63.10 (2020) Section 12.6	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

Remark: F-52G and M09 are the same product with identical prototypes, and only different model names are used for adaptation to different operators. This test involves two samples, and the differences between the prototypes can be referred to the Operational Description of Product Equality Declaration submitted separately. We selected Sample 1 to conduct a full test and completed the verification of Sample 2 against the differential points.

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4 General Information

4.1 Details of E.U.T.

Hardware Version:	DVT2
Software Version:	sbuya_jp_sys-userdebug 16 W3WG36.28 0b7a4-0a61df intcfg,test-keys MW-368
IMEI:	Sample 1:355156190039348,355156190040122 Sample 2:355156190062142
Power supply:	5V
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Operation Frequency/Number of channels (80MHz):	U-NII-1: 5210MHz (1 Channel); U-NII-2A: 5290MHz (1 Channels); U-NII-2C: 5530-5610MHz (2 Channels); U-NII-3: 5775MHz (1 Channel)
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Channel Spacing:	802.11a/n/ac 20: 20MHz; 802.11n/ac 40: 40MHz; 802.11ac 80: 80MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	PIFA Antenna
Antenna Gain:	U-NII-1: 1.9 dBi (Provided by the manufacturer) U-NII-2A: 1.8 dBi (Provided by the manufacturer) U-NII-2C: 1.4 dBi (Provided by the manufacturer) U-NII-3: 0.8 dBi (Provided by the manufacturer)
Antenna Number:	1

4.2 Environment Parameter

Environment Parameter	Selected Values During Tests	
Relative Humidity	Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	25	3.91

Note:
NV:Normal Voltage
NT:Normal Temperature

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Computer	Lenovo	T14	2YK6GR
Mouse	Lenovo	3D optical Mouse	N/A
Router	Smavwave Technology Co.,Ltd	SRT 421	RT421X02211300001

4.4 Measurement Uncertainty & Decision Rule

No.	Item	Measurement Uncertainty
1	Radio Frequency	± 7.25 x 10^{-8}
2	Duty cycle	± 0.37%
3	Occupied Bandwidth	± 3%
4	Conduction emission	± 3.0dB (150kHz to 30MHz)
5	RF conducted power	± 0.75dB
6	RF power density	± 2.84dB
7	Conducted Spurious emissions	± 0.75dB
8	RF Radiated power	±1.56dB (9KHz-30MHz)
		±4.80dB (30MHz-1GHz)
		±4.80dB (1GHz-18GHz)
		±4.80dB (18GHz-40GHz)
9	Temperature test	± 1°C
10	Humidity test	± 3%
11	Supply voltages	± 1%
12	Time	± 3%

Remark:
The U_{lab} (lab Uncertainty) is less than $U_{cispr/ETSI}$ (CISPR/ETSI Uncertainty), so the test results
– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone

No tests were sub-contracted.

Note:

1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).

2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

3. Sample source: sent by customer.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 6336.01)

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.is accredited by the American Association for Laboratory Accreditation (A2LA).

• FCC (Designation Number: CN1312)

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory. Test Firm Registration Number:717327

• ISED (CAB Identifier: CN0120)

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
2	LISN	R&S	ENV216	SUWI-01-19-03	5/8/2025	5/7/2026
3	LISN	Schwarzbeck	ENV216	SUWI-01-19-04	5/8/2025	5/7/2026
4	Test Software	Tonscend	JS32-CE_4.0.0.2	SUWI-02-09-05	N.C.R	N.C.R
RF Conducted Test						
1	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027
2	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-15	11/21/2025	11/20/2026
3	MXG Vector signal genitor	KEYSIGHT	N5182B	SUWI-01-38-01	1/14/2026	1/13/2027
4	Signal Generator	ROHDE&SCHWARZ	SMW200A	SUWI-01-07-08	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-08-01	1/14/2026	1/13/2027
6	MXG Vector Signal Generator	ROHDE&SCHWARZ	SMR20	SUWI-01-33-01	11/21/2025	11/20/2026
7	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-13	5/8/2025	5/7/2026
8	Wideband Radio Communication Test Station	Anritsu	MT8000A	SUWI-01-34-02	11/21/2025	11/20/2026
9	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/21/2025	11/20/2026
10	Power meter	Anritsu	ML2495A	SUWI-01-31-01	11/21/2025	11/20/2026
11	Pulse power sensor	Anritsu	MA2411B	SUWI-01-32-01	11/21/2025	11/20/2026
12	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
13	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2/13/2025	2/12/2026
14	Temperature Chamber	GIANT FORCE	ICT-017-40-SP-SD	SUWI-01-13-02	5/7/2025	5/6/2026
15	Measurement Software	TST	TST 272 V2.02	SUWI-03-55-03	NCR	NCR
16	RF Control unit	TST	TSCB3023R2	SUWI-02-20-01	NCR	NCR
17	RFCables	Tonscend	NA	SUWI-01-03-01	NCR	NCR
RF Radiated Test						
1	Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/3/2023	6/2/2026
2	Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/14/2026	1/13/2027

3	Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-09	11/21/2025	11/20/2026
4	Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/14/2026	1/13/2027
5	Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/14/2026	1/13/2027
6	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	9/10/2025	9/9/2027
7	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027
8	Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
9	Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
10	Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/14/2026	1/13/2027
11	Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/14/2026	1/13/2027
12	Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/14/2026	1/13/2027
13	Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	11/21/2025	11/20/2026
14	Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	8/25/2025	8/24/2026
15	Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	8/26/2025	8/25/2026
16	Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/21/2025	11/20/2026
17	Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	1/14/2026	1/13/2027
18	DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/14/2026	1/13/2027
19	Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/13/2025	2/12/2026
20	Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-06	NCR	NCR
21	RF Control unit	Tonscend	JS0806-1	SUWI-02-20-01	NCR	NCR
22	RFCables	Tonscend	NA	SUWI-01-03-02	NCR	NCR

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is PIFA Antenna and no consideration of replacement. The best case gain of the U-NII-1:1.9 dBi; U-NII-2A:1.8 dBi; U-NII-2C:1.4 dBi; U-NII-3:0.8 dBi

Antenna location: Refer to internal photo.

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

6.2.2 Conclusion Standard Requirement:The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.Applicants shall include in their application for equipment authorization a description of how this requirement is met.EUT Details:WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2020) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		

7.1.1 E.U.T. Operation

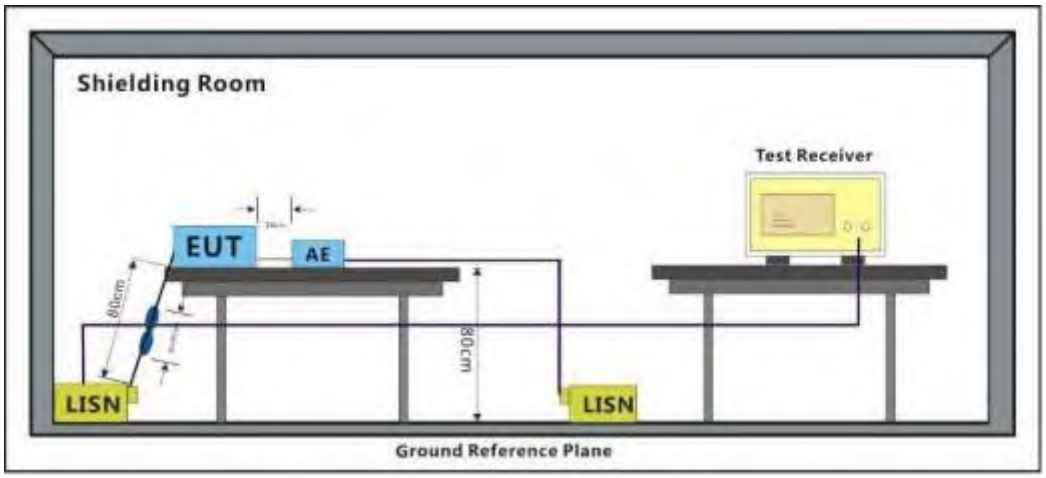
Operating Environment:

Temperature: 23 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

1) The mains terminal disturbance voltage test was conducted in a shielded room.

2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

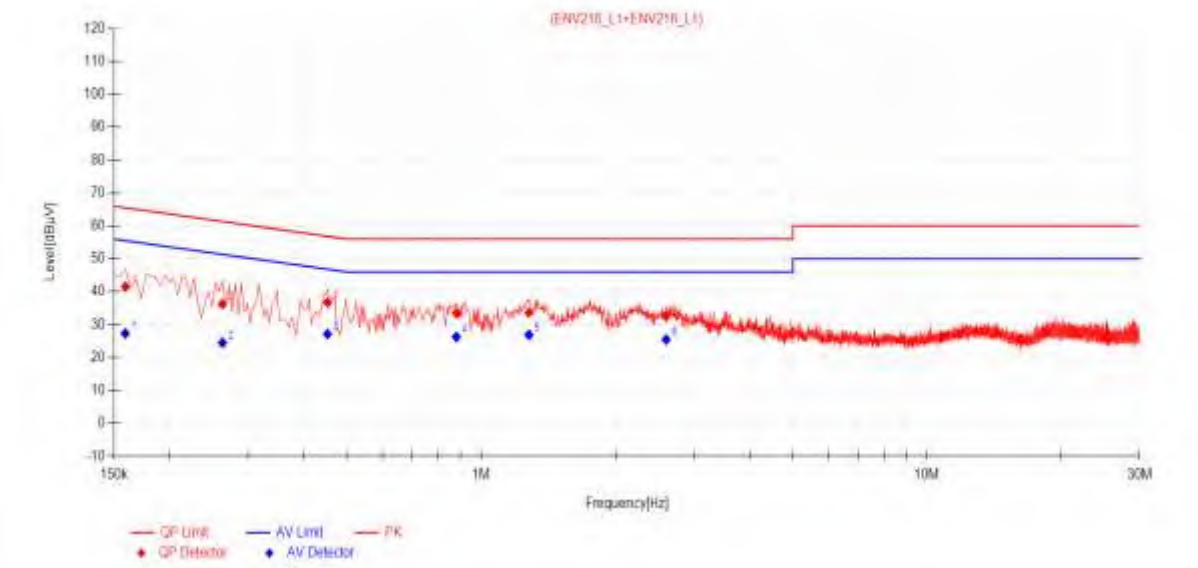
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark 1: Level=Read Level+ Cable Loss+ LISN Factor

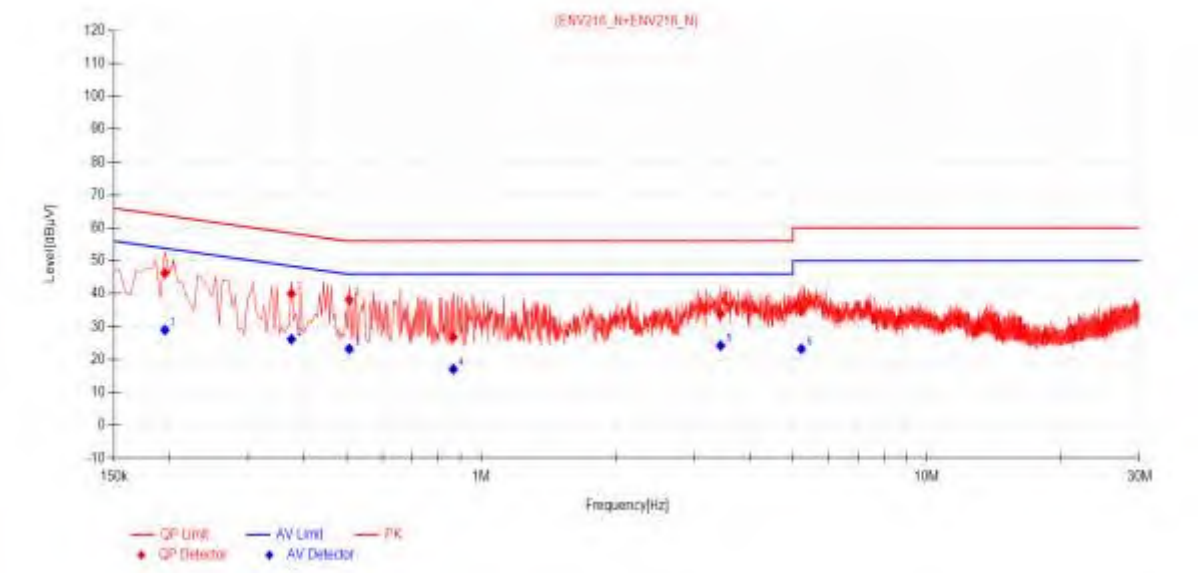
Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

Test Mode: 07; Line: Live line



Final Data List											
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1590	9.96	31.55	41.51	65.52	24.01	17.38	27.34	55.52	28.18	PASS
2	0.2625	9.97	26.28	36.25	61.35	25.10	14.53	24.50	51.35	26.85	PASS
3	0.4515	9.94	26.78	36.72	56.85	20.13	17.22	27.16	46.85	19.69	PASS
4	0.8790	9.92	23.56	33.48	56.00	22.52	16.37	26.29	46.00	19.71	PASS
5	1.2795	9.90	23.73	33.63	56.00	22.37	17.00	26.90	46.00	19.10	PASS
6	2.5980	9.90	22.64	32.54	56.00	23.46	15.56	25.46	46.00	20.54	PASS

Test Mode: 07; Line: Neutral Line



Final Data List											
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1950	9.94	36.34	46.28	63.82	17.54	19.03	28.97	53.82	24.85	PASS
2	0.3750	9.95	30.11	40.06	58.39	18.33	16.22	26.17	48.39	22.22	PASS
3	0.5055	9.92	28.20	38.12	56.00	17.88	13.29	23.21	46.00	22.79	PASS
4	0.8655	9.95	16.98	26.93	56.00	29.07	7.12	17.07	46.00	28.93	PASS
5	3.4440	9.91	23.99	33.90	56.00	22.10	14.33	24.24	46.00	21.76	PASS
6	5.2260	9.95	24.95	34.90	60.00	25.10	13.27	23.22	50.00	26.78	PASS

7.2 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

Note

1. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

2. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is 40log(3/300) = -80dB (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is 20log(10/3) = 10.46dB (for 10m test distance).

7.2.1 E.U.T. Operation

Operating Environment:

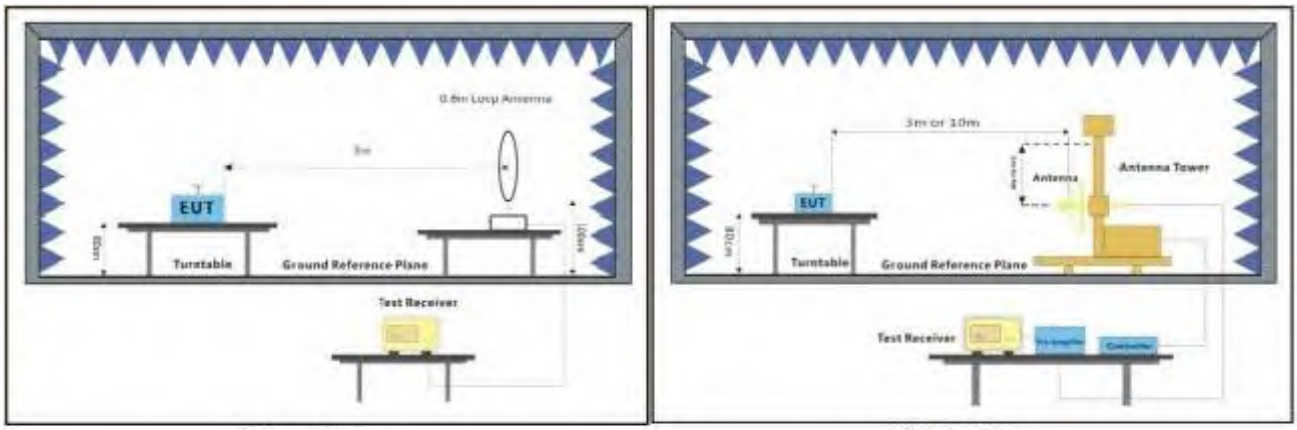
Temperature: 23 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Pre-scan	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

Pre-scan	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



Below 30MHz　　30MHz-1GHz

7.2.4 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8m above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.

c. The antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

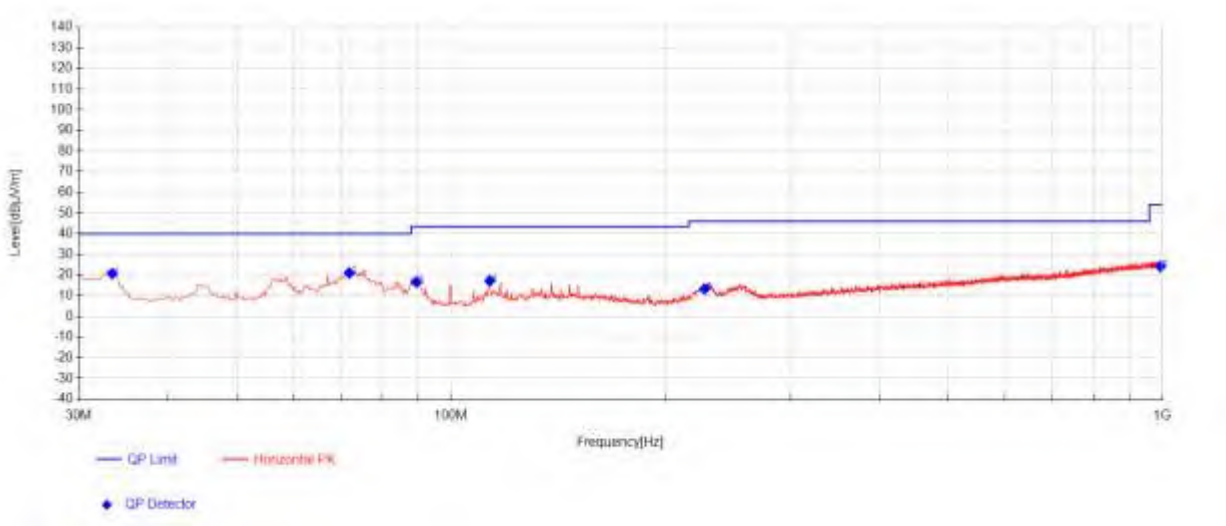
i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only below points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

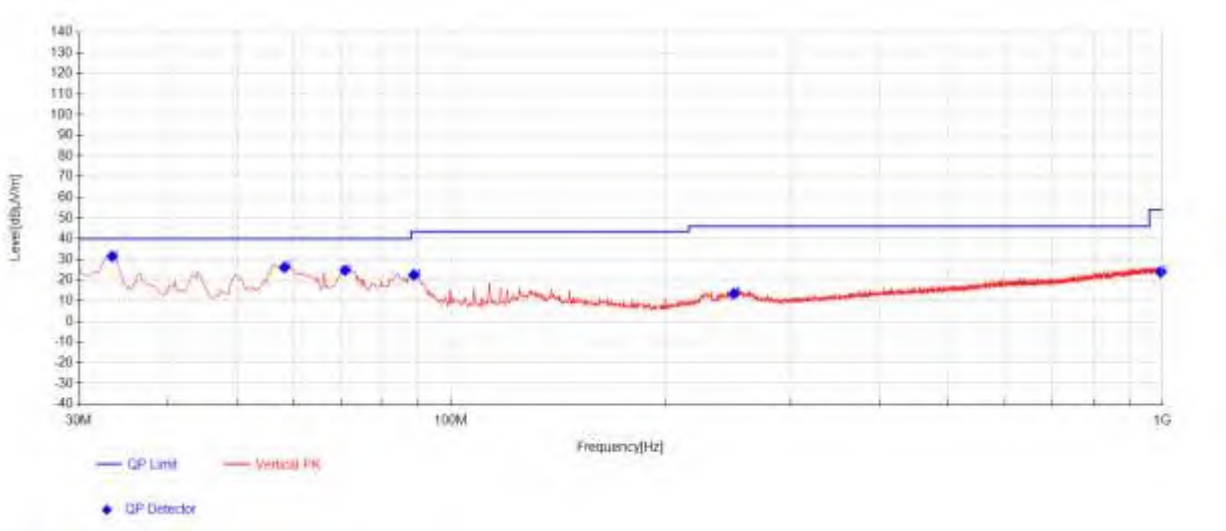
2. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

Test Mode: 07; Polarity: Horizontal



Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.395	41.97	12.70	-33.97	20.70	40.00	19.30	121	65	Horizontal
2	71.9525	44.42	10.02	-33.40	21.04	40.00	18.96	169	216	Horizontal
3	89.4125	40.95	8.92	-33.26	16.61	43.50	26.89	184	97	Horizontal
4	113.42	39.42	10.74	-32.96	17.20	43.50	26.30	128	57	Horizontal
5	227.395	34.41	10.95	-32.11	13.26	46.00	32.74	134	65	Horizontal
6	994.18	27.64	24.45	-27.86	24.23	54.00	29.77	196	346	Horizontal

Test Mode: 07; Polarity: Vertical



Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.395	52.77	12.70	-33.97	31.50	40.00	8.50	174	73	Vertical
2	58.3725	47.29	12.50	-33.58	26.21	40.00	13.79	121	65	Vertical
3	70.9825	48.08	10.11	-33.41	24.78	40.00	15.22	155	143	Vertical
4	88.685	46.81	8.95	-33.27	22.49	43.50	21.01	134	237	Vertical
5	249.9475	33.63	11.80	-31.97	13.46	46.00	32.54	194	42	Vertical
6	995.3925	27.16	24.46	-27.85	23.77	54.00	30.23	128	18	Vertical

7.3 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.6 & 12.7

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark:

1. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

2. Above 18GHz, measurements may be performed at a distance shorter than that specified in the regulations

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Above 18GHz, Aux Factor = 20 dB/decade of distance, the aux factor is 20log(1/3) = -9.54dB (for 1m test distance).

7.3.1 E.U.T. Operation

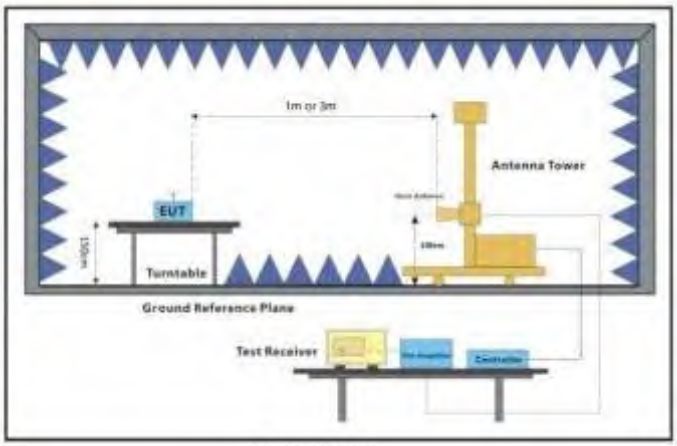
Operating Environment:

Temperature: 23 °C Humidity: 44 % RH Atmospheric Pressure: 1001 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



Above 1GHz

7.3.4 Measurement Procedure and Data

a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. Scan from 18GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

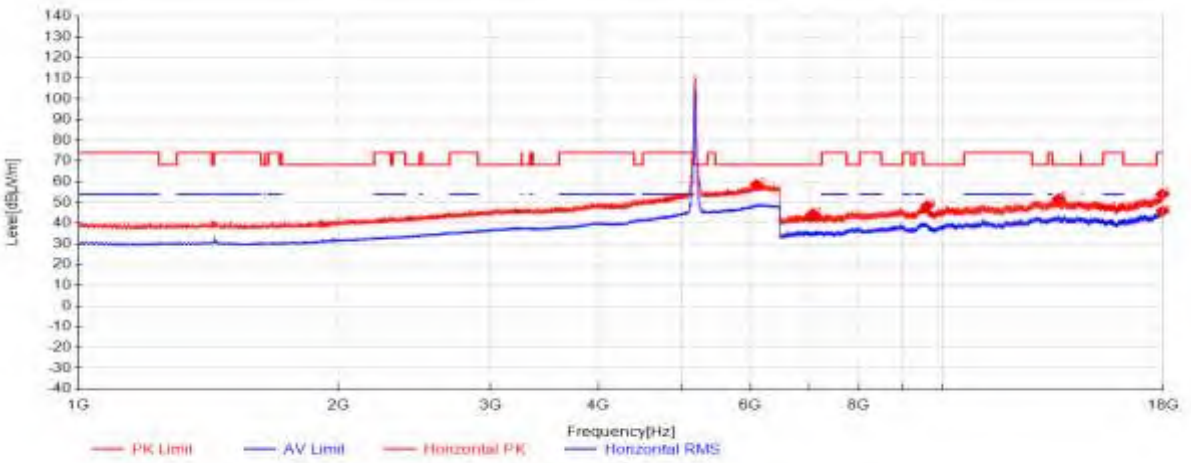
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.

5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.

6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

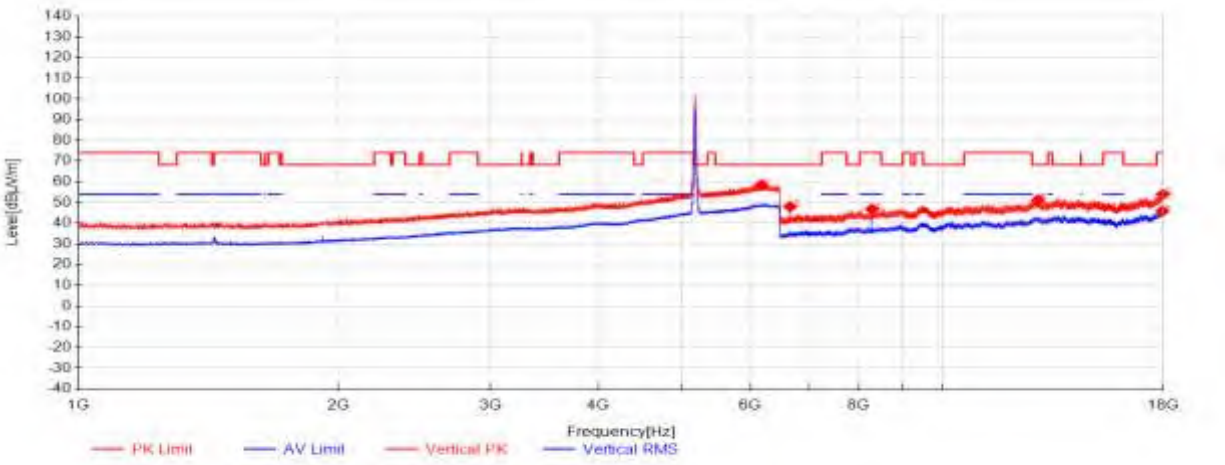
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geqslant$1/T (Duty cycle<98%) or 10Hz (Duty cycle$\geqslant$98%) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal



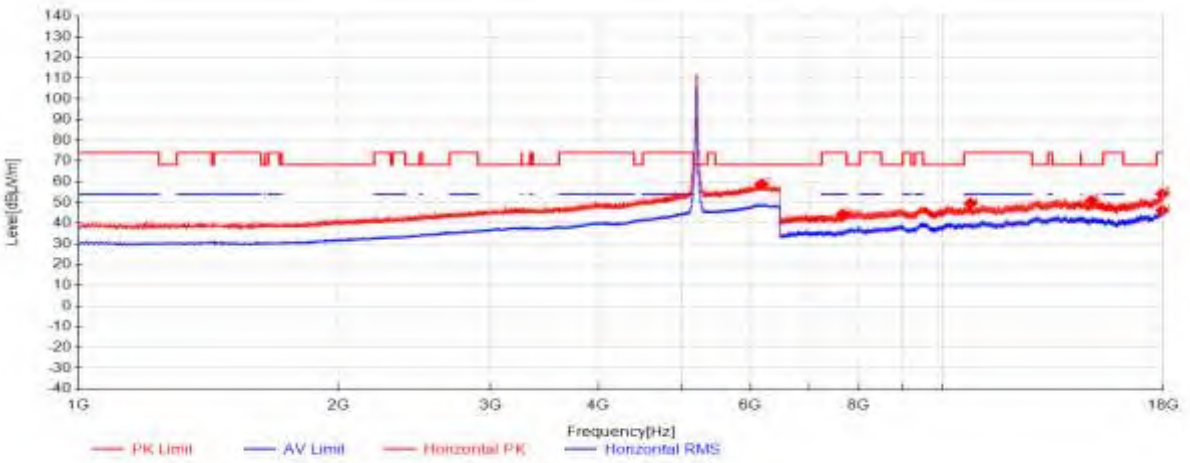
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17985.05	35.16	41.66	-30.96	45.86	54.00	8.14	Horizontal
2	6096.6667	40.54	34.69	-16.69	58.54	68.20	9.66	Horizontal
3	7083.8167	50.72	36.30	-42.50	44.52	68.20	23.68	Horizontal
4	9609.2167	48.48	38.06	-38.17	48.37	68.20	19.83	Horizontal
5	13625.7833	45.87	40.21	-34.38	51.70	68.20	16.50	Horizontal
6	17963.5833	43.40	41.59	-31.00	53.99	74.00	20.01	Horizontal

11a_TX_CH_36_Vertical



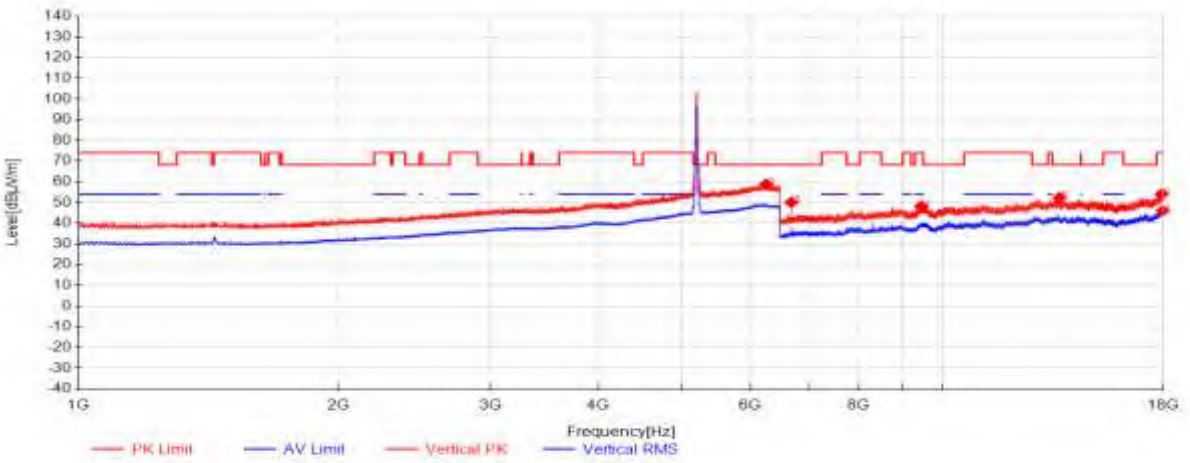
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17980.0667	35.19	41.64	-30.97	45.86	54.00	8.14	Vertical
2	6173.6667	40.40	34.85	-16.78	58.47	68.20	9.73	Vertical
3	6664.45	55.10	35.76	-42.85	48.01	68.20	20.19	Vertical
4	8287.8667	49.87	37.50	-40.63	46.75	74.00	27.25	Vertical
5	12901.2833	45.91	39.78	-34.47	51.22	68.20	16.98	Vertical
6	17995.0167	43.20	41.69	-30.94	53.95	74.00	20.05	Vertical

11a_TX_CH_40_Horizontal



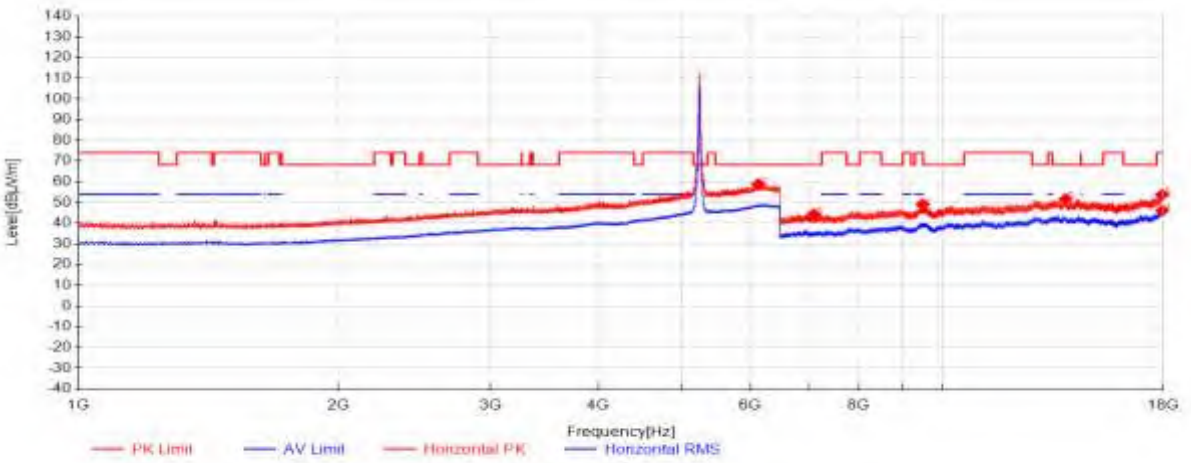
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17965.5	35.59	41.60	-31.00	46.19	54.00	7.81	Horizontal
2	6175.9583	40.87	34.85	-16.78	58.94	68.20	9.26	Horizontal
3	7665.7167	49.40	36.63	-41.74	44.29	74.00	29.71	Horizontal
4	10778.7667	47.14	39.03	-36.60	49.58	74.00	24.42	Horizontal
5	14883.8833	44.53	39.87	-33.55	50.85	68.20	17.35	Horizontal
6	17965.1167	43.57	41.60	-31.00	54.17	74.00	19.83	Horizontal

11a_TX_CH_40_Vertical



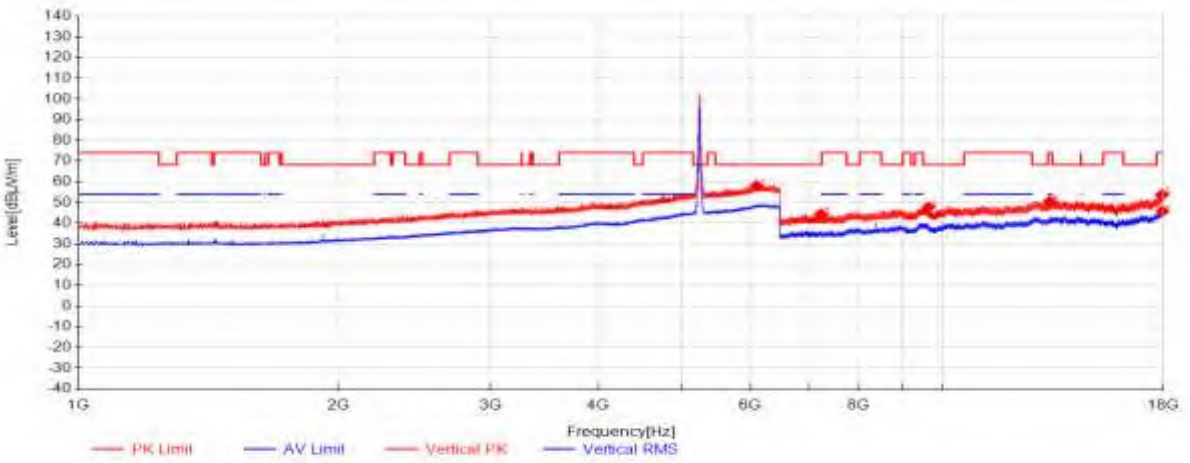
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17986.2	35.30	41.66	-30.96	46.00	54.00	8.00	Vertical
2	6253.875	40.73	35.01	-16.93	58.80	68.20	9.40	Vertical
3	6687.8333	57.14	35.80	-42.85	50.09	68.20	18.11	Vertical
4	9447.8333	48.64	38.04	-38.56	48.13	74.00	25.87	Vertical
5	13655.3	46.85	40.23	-34.77	52.31	68.20	15.89	Vertical
6	17924.1	43.55	41.48	-31.08	53.95	74.00	20.05	Vertical

11a_TX_CH_48_Horizontal



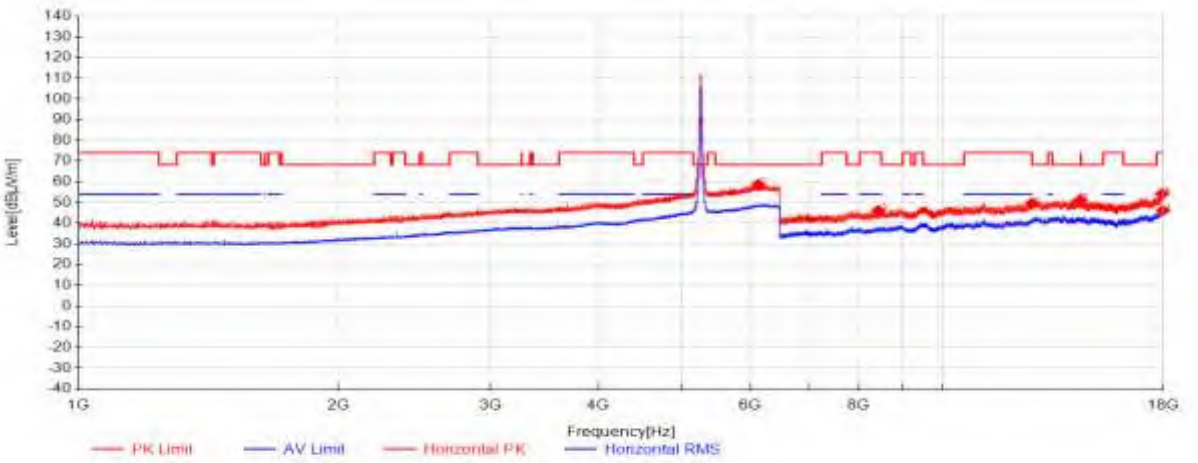
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17972.0167	35.55	41.62	-30.99	46.18	54.00	7.82	Horizontal
2	6120.9583	40.85	34.74	-16.71	58.88	68.20	9.32	Horizontal
3	7100.3	50.60	36.30	-42.48	44.42	68.20	23.78	Horizontal
4	9486.9333	49.61	38.05	-38.51	49.15	74.00	24.85	Horizontal
5	13878.7833	45.38	40.34	-34.09	51.63	68.20	16.57	Horizontal
6	17963.5833	43.16	41.59	-31.00	53.75	74.00	20.25	Horizontal

11a_TX_CH_48_Vertical



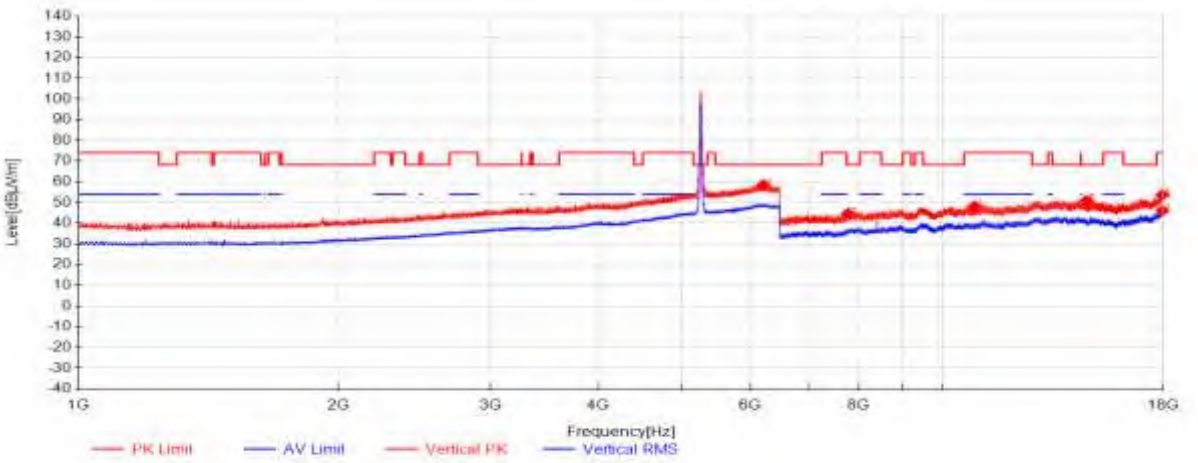
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17975.85	35.19	41.63	-30.98	45.84	54.00	8.16	Vertical
2	6093.9167	40.04	34.69	-16.71	58.02	68.20	10.18	Vertical
3	7237.15	50.14	36.30	-42.06	44.38	68.20	23.82	Vertical
4	9636.4333	47.69	38.06	-38.01	47.74	68.20	20.46	Vertical
5	13312.2167	44.97	40.06	-34.59	50.43	74.00	23.57	Vertical
6	17952.85	43.15	41.56	-31.02	53.69	74.00	20.31	Vertical

11a_TX_CH_52_Horizontal



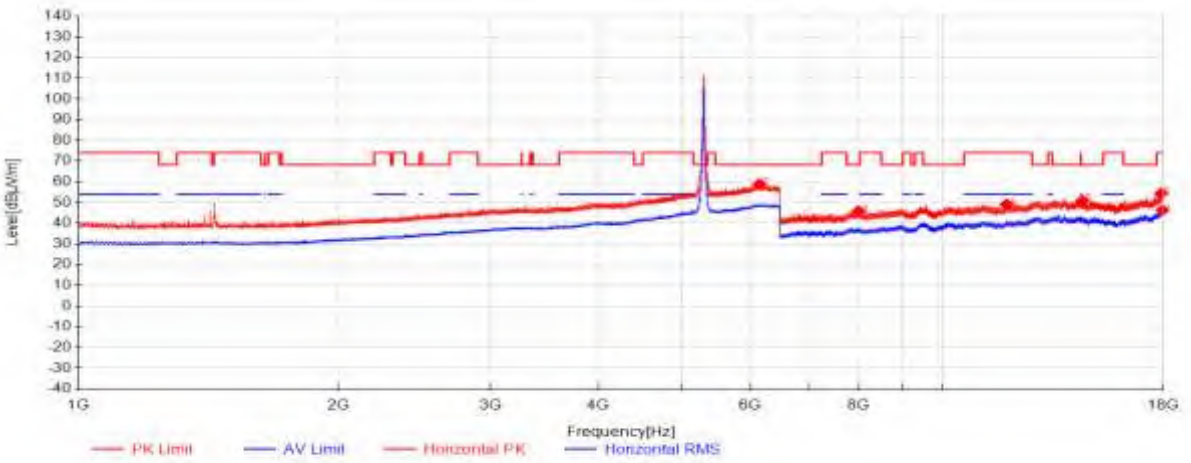
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17996.1667	35.40	41.69	-30.94	46.15	54.00	7.85	Horizontal
2	6121.4167	40.56	34.74	-16.71	58.59	68.20	9.61	Horizontal
3	8431.2333	49.11	37.60	-40.63	46.08	74.00	27.92	Horizontal
4	12693.9	44.58	39.53	-34.50	49.61	74.00	24.39	Horizontal
5	14438.8333	45.17	40.14	-34.17	51.14	68.20	17.06	Horizontal
6	17953.2333	43.63	41.56	-31.02	54.17	74.00	19.83	Horizontal

11a_TX_CH_52_Vertical



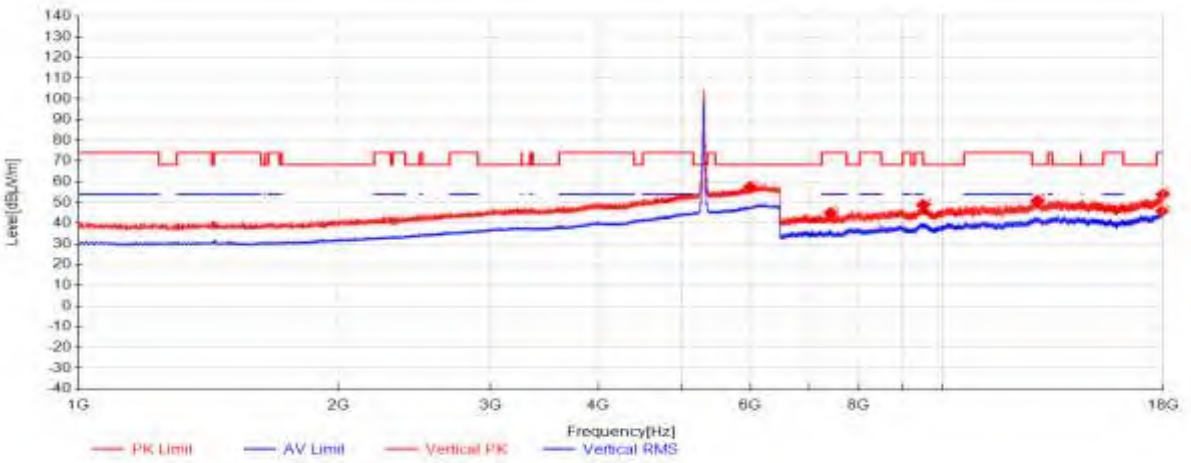
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.55	35.43	41.62	-30.98	46.07	54.00	7.93	Vertical
2	6206.6667	40.36	34.91	-16.83	58.45	68.20	9.75	Vertical
3	7777.2667	48.89	36.85	-41.18	44.57	68.20	23.63	Vertical
4	10887.6333	45.25	39.17	-36.27	48.14	74.00	25.86	Vertical
5	14684.55	44.90	39.99	-33.94	50.95	68.20	17.25	Vertical
6	17974.7	42.99	41.63	-30.98	53.64	74.00	20.36	Vertical

11a_TX_CH_60_Horizontal



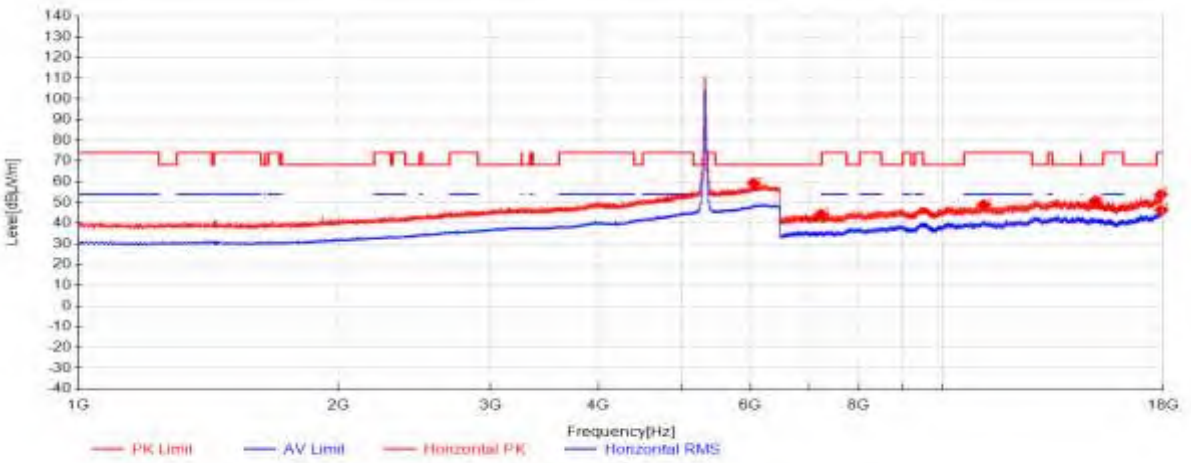
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.9333	35.67	41.62	-30.98	46.31	54.00	7.69	Horizontal
2	6142.5	40.89	34.78	-16.74	58.94	68.20	9.26	Horizontal
3	7998.8333	49.76	37.30	-41.18	45.87	68.20	22.33	Horizontal
4	11865.9	45.32	38.78	-34.99	49.11	74.00	24.89	Horizontal
5	14515.8833	45.58	40.09	-34.78	50.89	68.20	17.31	Horizontal
6	17901.1	44.05	41.41	-31.13	54.34	74.00	19.66	Horizontal

11a_TX_CH_60_Vertical



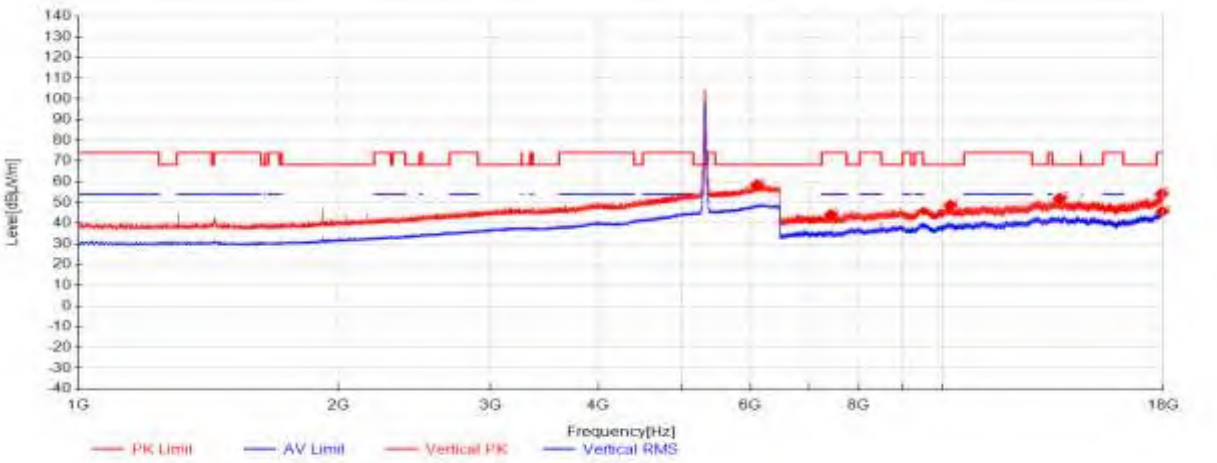
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17955.9167	35.29	41.57	-31.02	45.84	54.00	8.16	Vertical
2	5990.3333	40.17	34.47	-17.09	57.55	68.20	10.65	Vertical
3	7421.5333	50.73	36.30	-42.03	45.00	74.00	29.00	Vertical
4	9497.6667	49.33	38.05	-38.49	48.89	74.00	25.11	Vertical
5	12883.2667	45.66	39.76	-34.51	50.91	68.20	17.29	Vertical
6	17983.5167	43.17	41.65	-30.96	53.86	74.00	20.14	Vertical

11a_TX_CH_64_Horizontal



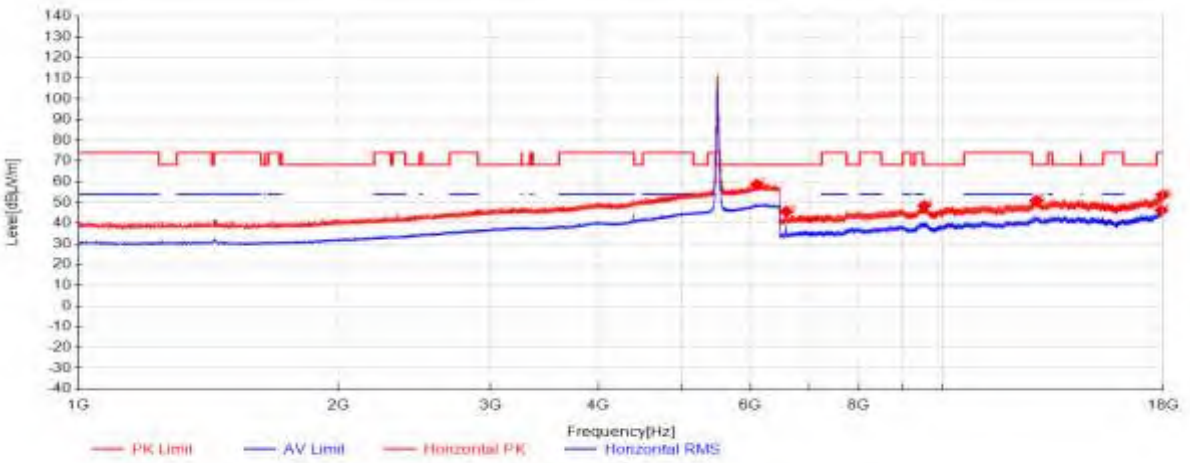
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17932.5333	35.90	41.50	-31.06	46.34	54.00	7.66	Horizontal
2	6044.4167	41.67	34.59	-16.92	59.33	68.20	8.87	Horizontal
3	7236.7667	50.06	36.30	-42.06	44.30	68.20	23.90	Horizontal
4	11153.2833	45.02	39.21	-35.38	48.85	74.00	25.15	Horizontal
5	15012.6833	45.09	39.78	-34.24	50.63	68.20	17.57	Horizontal
6	17893.05	43.52	41.39	-31.18	53.72	74.00	20.28	Horizontal

11a_TX_CH_64_Vertical



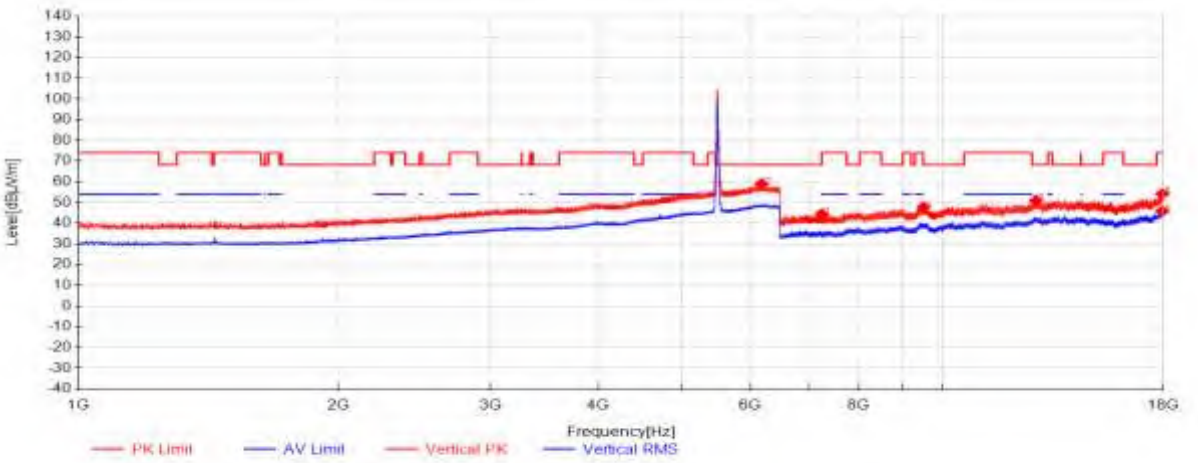
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17965.5	35.12	41.60	-31.00	45.72	54.00	8.28	Vertical
2	6098.9583	40.51	34.70	-16.68	58.52	68.20	9.68	Vertical
3	7429.2	49.89	36.30	-42.03	44.16	74.00	29.84	Vertical
4	10210.6667	46.53	38.35	-36.33	48.55	68.20	19.65	Vertical
5	13670.25	46.66	40.24	-34.97	51.93	68.20	16.27	Vertical
6	17932.5333	43.67	41.50	-31.06	54.11	74.00	19.89	Vertical

11a_TX_CH_100_Horizontal



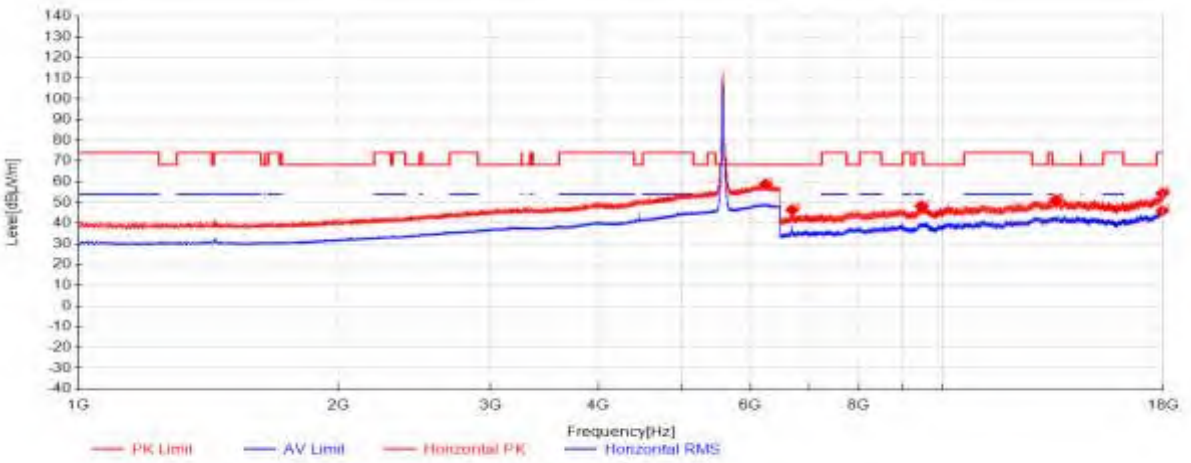
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17930.2333	35.82	41.50	-31.07	46.25	54.00	7.75	Horizontal
2	6100.3333	40.80	34.70	-16.68	58.82	68.20	9.38	Horizontal
3	6598.9	52.86	35.66	-42.85	45.67	68.20	22.53	Horizontal
4	9530.25	48.84	38.05	-38.41	48.48	68.20	19.72	Horizontal
5	12852.2167	45.82	39.72	-34.61	50.93	68.20	17.27	Horizontal
6	17993.4833	42.84	41.68	-30.94	53.58	74.00	20.42	Horizontal

11a_TX_CH_100_Vertical



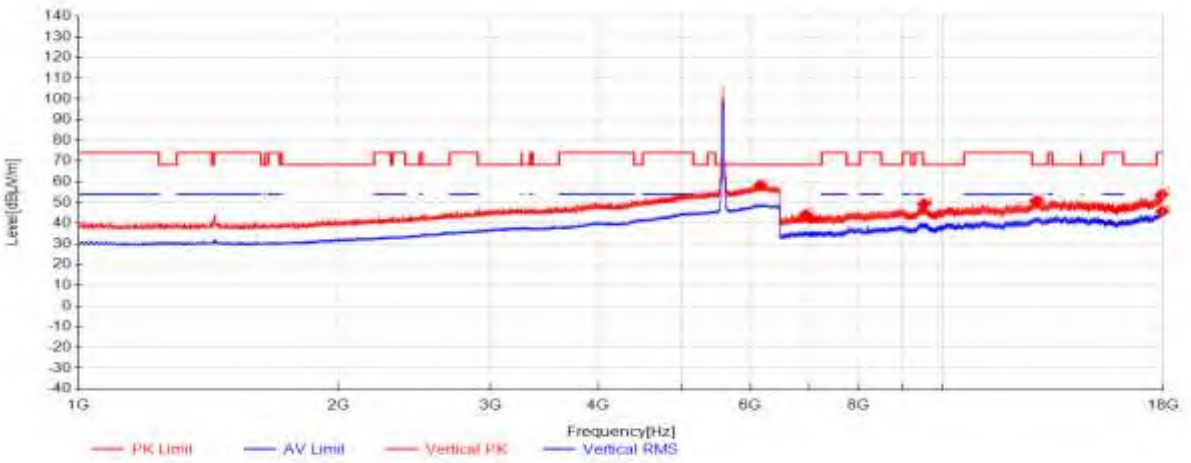
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17965.5	35.27	41.60	-31.00	45.87	54.00	8.13	Vertical
2	6176.4167	40.93	34.85	-16.78	59.00	68.20	9.20	Vertical
3	7248.65	50.14	36.30	-42.08	44.36	68.20	23.84	Vertical
4	9505.3333	48.13	38.05	-38.48	47.70	68.20	20.50	Vertical
5	12826.15	45.87	39.69	-34.70	50.87	68.20	17.33	Vertical
6	17967.8	43.62	41.61	-30.99	54.23	74.00	19.77	Vertical

11a_TX_CH_116_Horizontal



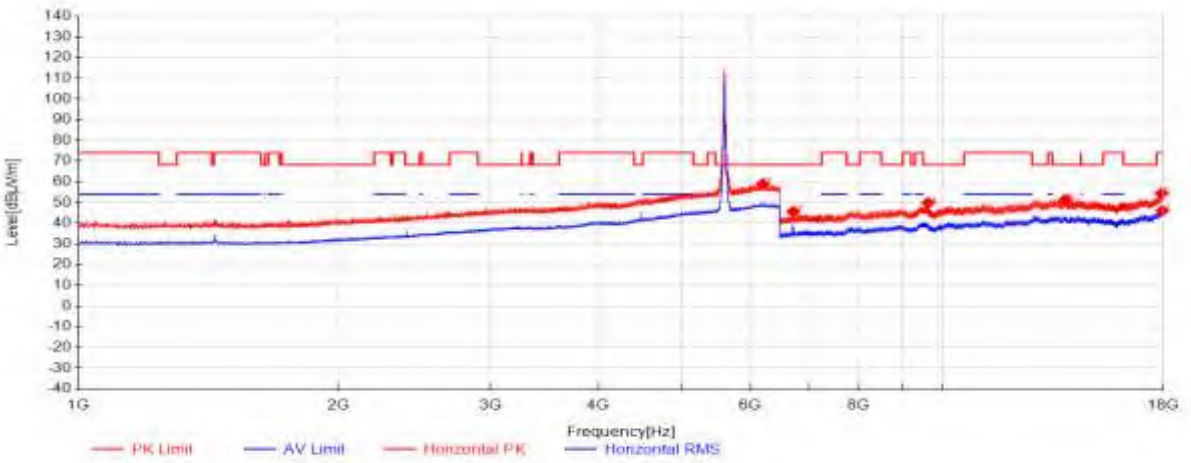
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17980.45	35.35	41.64	-30.97	46.02	54.00	7.98	Horizontal
2	6241.9583	40.71	34.98	-16.91	58.79	68.20	9.41	Horizontal
3	6699.3333	53.46	35.82	-42.85	46.43	68.20	21.77	Horizontal
4	9453.2	48.77	38.05	-38.55	48.26	74.00	25.74	Horizontal
5	13534.9333	45.92	40.17	-34.76	51.33	68.20	16.87	Horizontal
6	17988.8833	43.80	41.67	-30.95	54.52	74.00	19.48	Horizontal

11a_TX_CH_116_Vertical



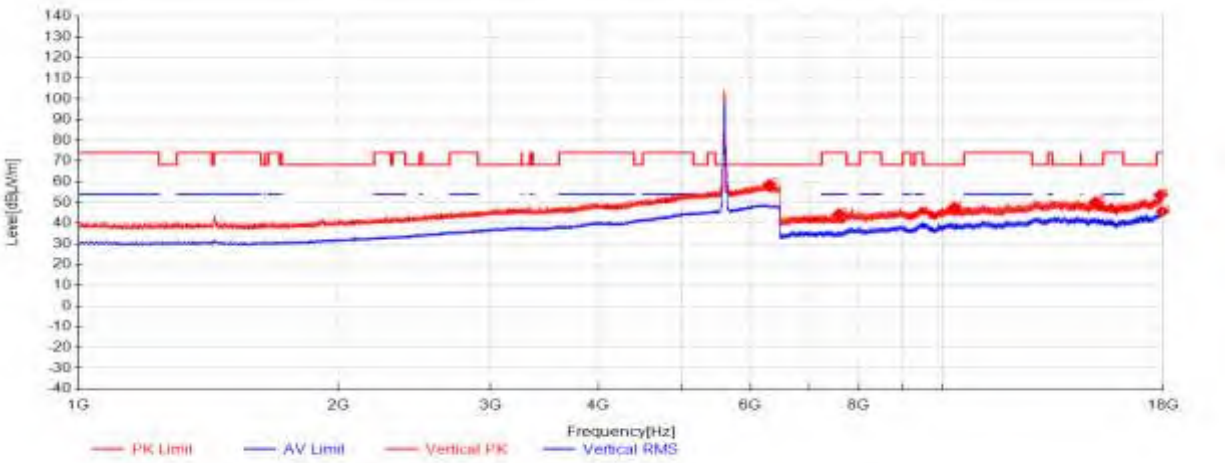
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17970.4833	35.11	41.61	-30.99	45.74	54.00	8.26	Vertical
2	6153.0417	40.22	34.81	-16.75	58.28	68.20	9.92	Vertical
3	6948.5	50.52	36.22	-42.63	44.11	68.20	24.09	Vertical
4	9522.9667	49.75	38.05	-38.43	49.37	68.20	18.83	Vertical
5	12842.6333	45.62	39.71	-34.64	50.69	68.20	17.51	Vertical
6	17925.25	43.25	41.48	-31.08	53.65	74.00	20.35	Vertical

11a_TX_CH_120_Horizontal



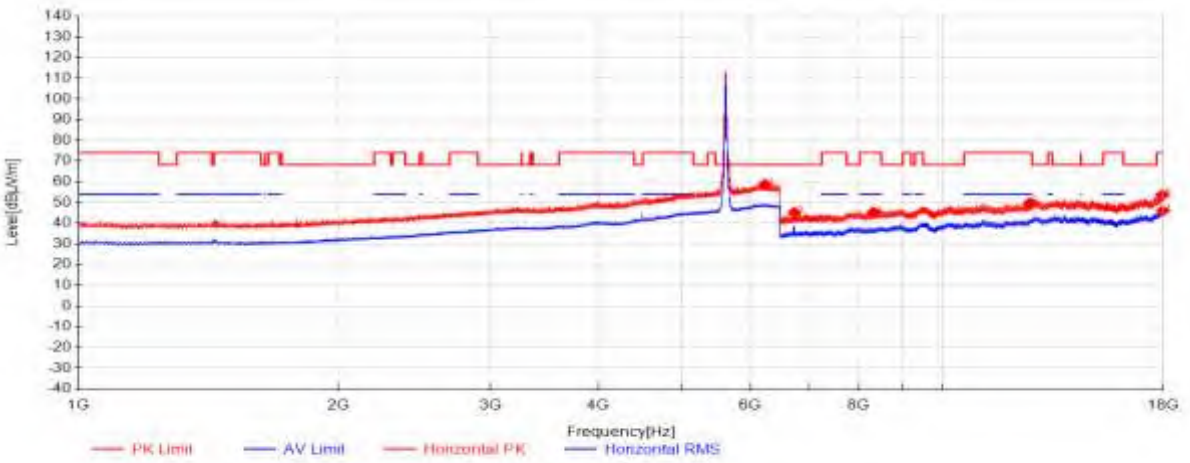
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17977	35.39	41.63	-30.98	46.05	54.00	7.95	Horizontal
2	6199.3333	40.91	34.90	-16.81	59.00	68.20	9.20	Horizontal
3	6721.5667	52.61	35.85	-42.85	45.61	68.20	22.59	Horizontal
4	9623.7833	49.80	38.06	-38.08	49.78	68.20	18.42	Horizontal
5	13875.3333	45.20	40.34	-34.13	51.40	68.20	16.80	Horizontal
6	17921.8	43.93	41.47	-31.09	54.32	74.00	19.68	Horizontal

11a_TX_CH_120_Vertical



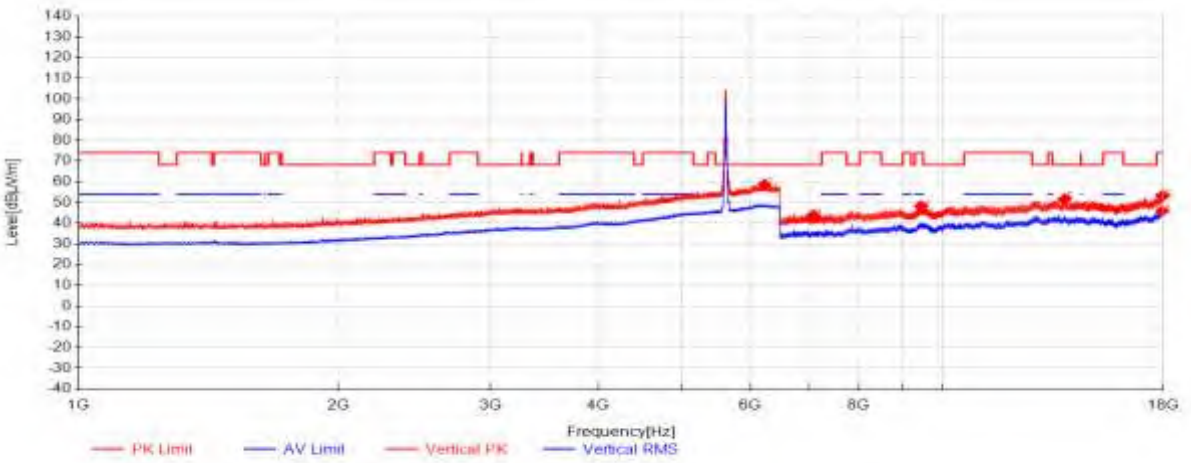
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17978.5333	35.07	41.64	-30.97	45.73	54.00	8.27	Vertical
2	6304.75	40.52	35.11	-17.02	58.61	68.20	9.59	Vertical
3	7588.6667	49.79	36.48	-41.83	44.44	74.00	29.56	Vertical
4	10326.05	46.17	38.49	-37.05	47.61	68.20	20.59	Vertical
5	15035.6833	44.72	39.74	-34.24	50.22	68.20	17.98	Vertical
6	17884.6167	43.53	41.37	-31.25	53.64	74.00	20.36	Vertical

11a_TX_CH_124_Horizontal



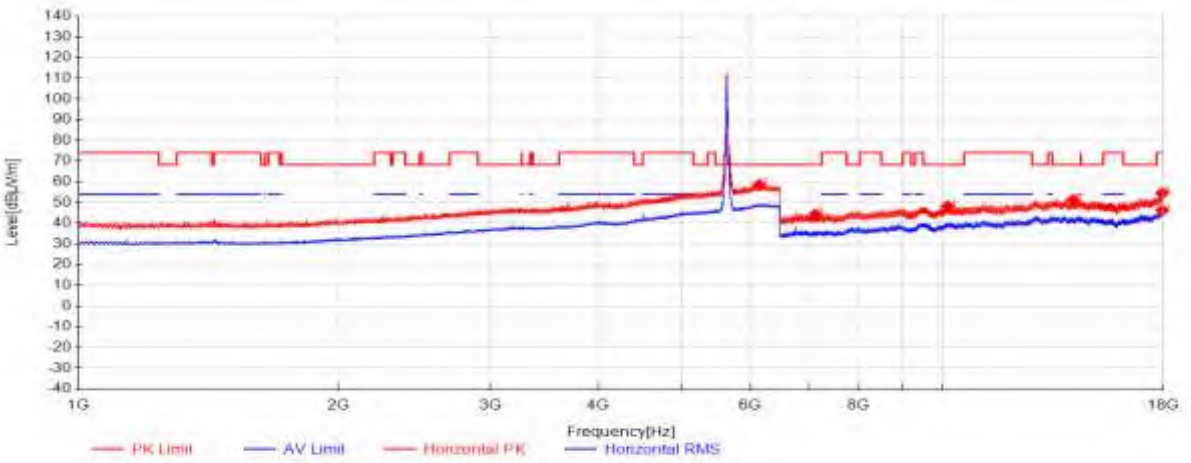
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17995.0167	35.22	41.69	-30.94	45.97	54.00	8.03	Horizontal
2	6232.3333	40.57	34.96	-16.88	58.65	68.20	9.55	Horizontal
3	6742.65	52.08	35.89	-42.85	45.12	68.20	23.08	Horizontal
4	8317.3833	48.44	37.52	-40.66	45.31	74.00	28.69	Horizontal
5	12617.2333	45.57	39.44	-35.41	49.60	74.00	24.40	Horizontal
6	17972.7833	42.99	41.62	-30.98	53.63	74.00	20.37	Horizontal

11a_TX_CH_124_Vertical



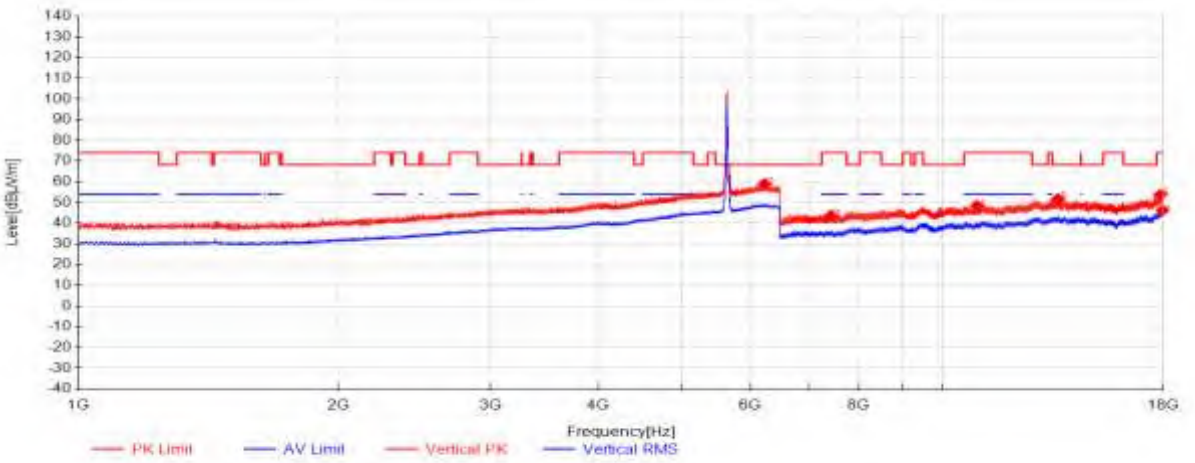
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17963.2	35.33	41.59	-31.00	45.92	54.00	8.08	Vertical
2	6224.0833	40.52	34.95	-16.87	58.60	68.20	9.60	Vertical
3	7090.7167	50.04	36.30	-42.49	43.85	68.20	24.35	Vertical
4	9443.6167	48.80	38.04	-38.56	48.28	74.00	25.72	Vertical
5	13853.8667	45.79	40.33	-34.42	51.69	68.20	16.51	Vertical
6	17979.6833	42.54	41.64	-30.97	53.21	74.00	20.79	Vertical

11a_TX_CH_128_Horizontal



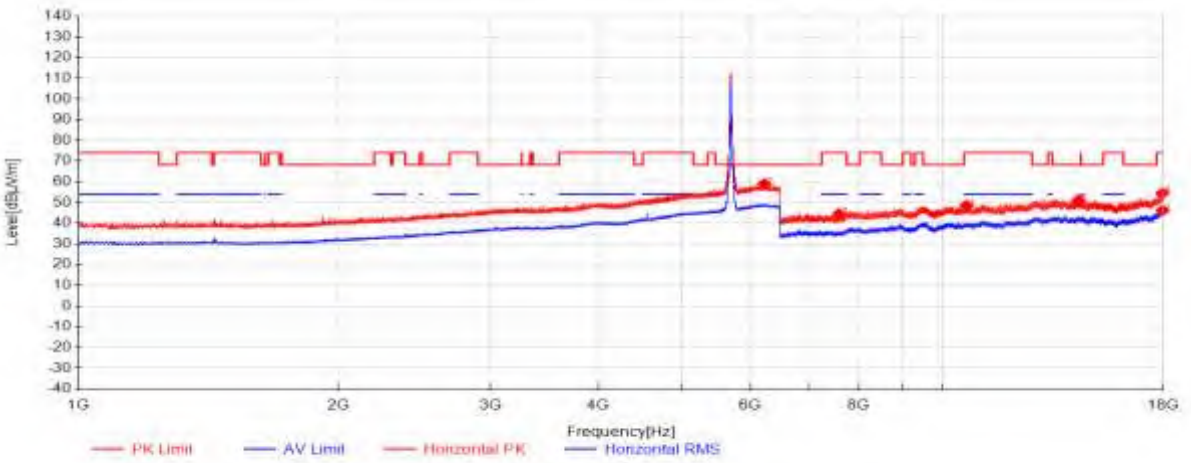
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17968.95	35.65	41.61	-30.99	46.27	54.00	7.73	Horizontal
2	6139.75	40.49	34.78	-16.73	58.54	68.20	9.66	Horizontal
3	7127.5167	50.28	36.30	-42.35	44.23	68.20	23.97	Horizontal
4	10137.8333	46.98	38.27	-37.01	48.24	68.20	19.96	Horizontal
5	14165.5167	46.09	40.30	-35.14	51.25	68.20	16.95	Horizontal
6	17968.5667	43.93	41.61	-30.99	54.55	74.00	19.45	Horizontal

11a_TX_CH_128_Vertical



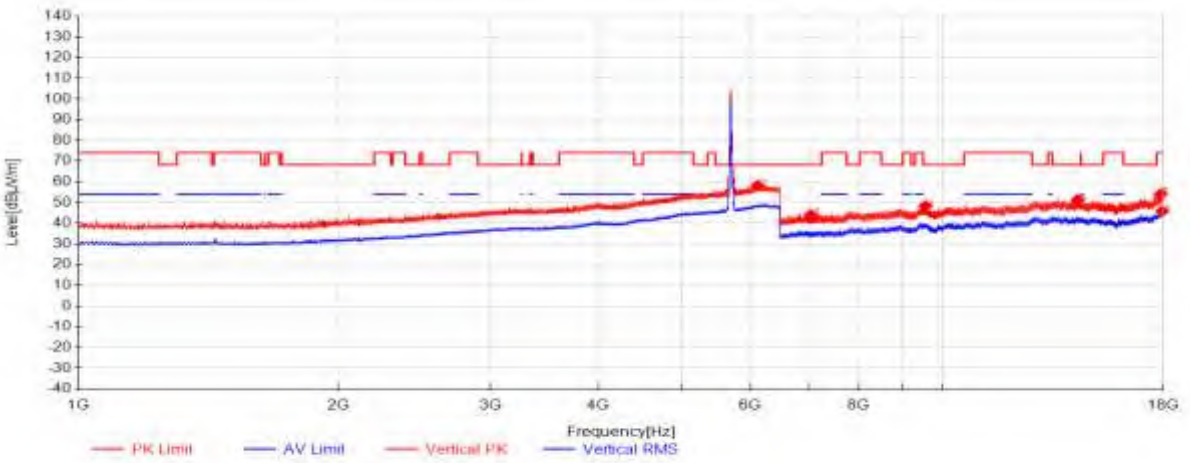
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17979.3	35.59	41.64	-30.97	46.26	54.00	7.74	Vertical
2	6227.2917	40.98	34.95	-16.87	59.06	68.20	9.14	Vertical
3	7432.65	49.50	36.30	-42.03	43.77	74.00	30.23	Vertical
4	10957.4	45.32	39.25	-36.08	48.49	74.00	25.51	Vertical
5	13602.0167	45.64	40.20	-34.07	51.77	68.20	16.43	Vertical
6	17863.5333	43.82	41.30	-31.42	53.71	74.00	20.29	Vertical

11a_TX_CH_140_Horizontal



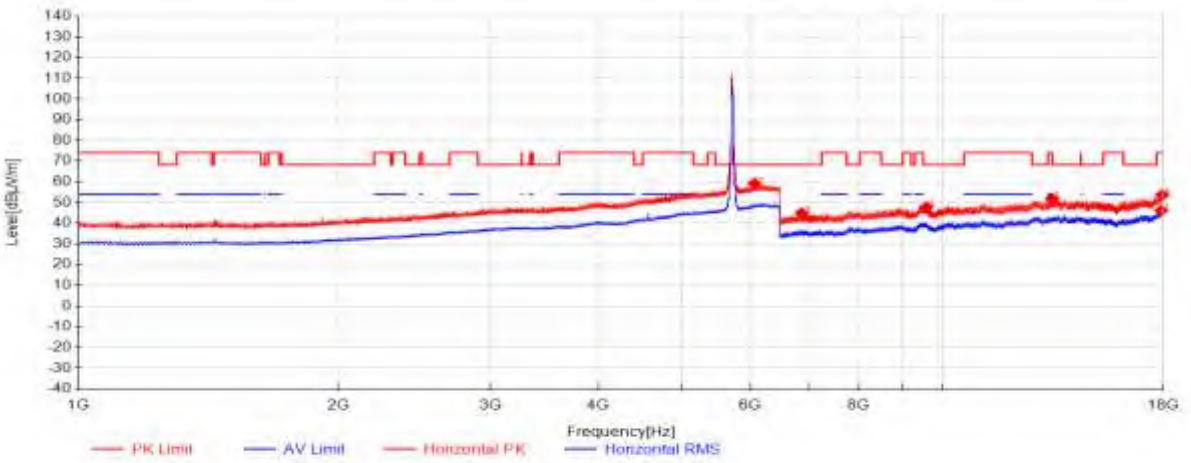
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17983.9	35.48	41.65	-30.96	46.17	54.00	7.83	Horizontal
2	6222.7083	40.92	34.95	-16.86	59.00	68.20	9.20	Horizontal
3	7595.95	49.90	36.49	-41.81	44.58	74.00	29.42	Horizontal
4	10658.4	45.85	38.89	-36.21	48.53	74.00	25.47	Horizontal
5	14368.3	45.18	40.18	-34.14	51.22	68.20	16.98	Horizontal
6	17976.2333	43.86	41.63	-30.98	54.51	74.00	19.49	Horizontal

11a_TX_CH_140_Vertical



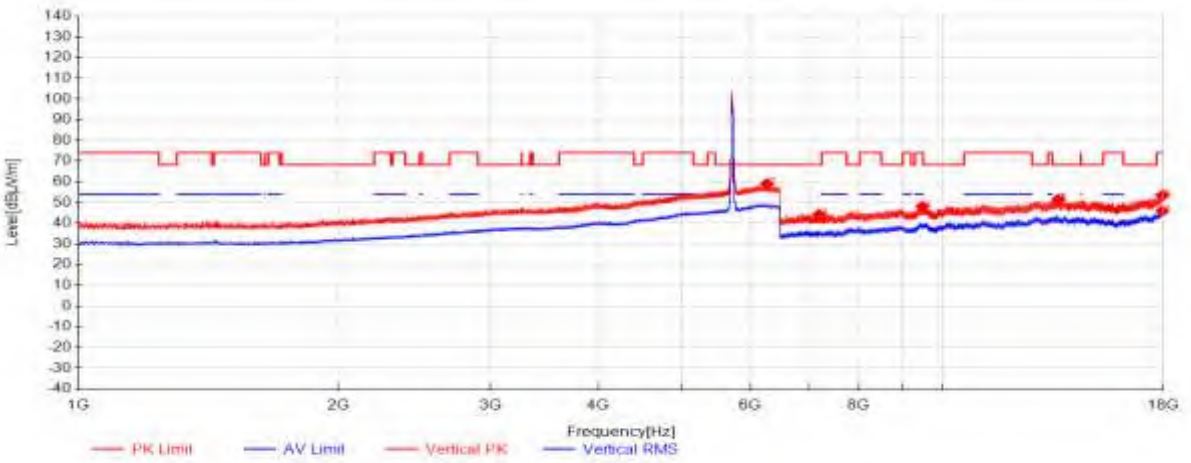
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17967.0333	35.25	41.60	-31.00	45.86	54.00	8.14	Vertical
2	6115.9167	40.19	34.73	-16.70	58.22	68.20	9.98	Vertical
3	7041.2667	50.35	36.30	-42.57	44.08	68.20	24.12	Vertical
4	9558.2333	48.61	38.06	-38.33	48.33	68.20	19.87	Vertical
5	14341.85	45.61	40.19	-34.46	51.34	68.20	16.86	Vertical
6	17886.5333	43.93	41.37	-31.24	54.06	74.00	19.94	Vertical

11a_TX_CH_144_Horizontal



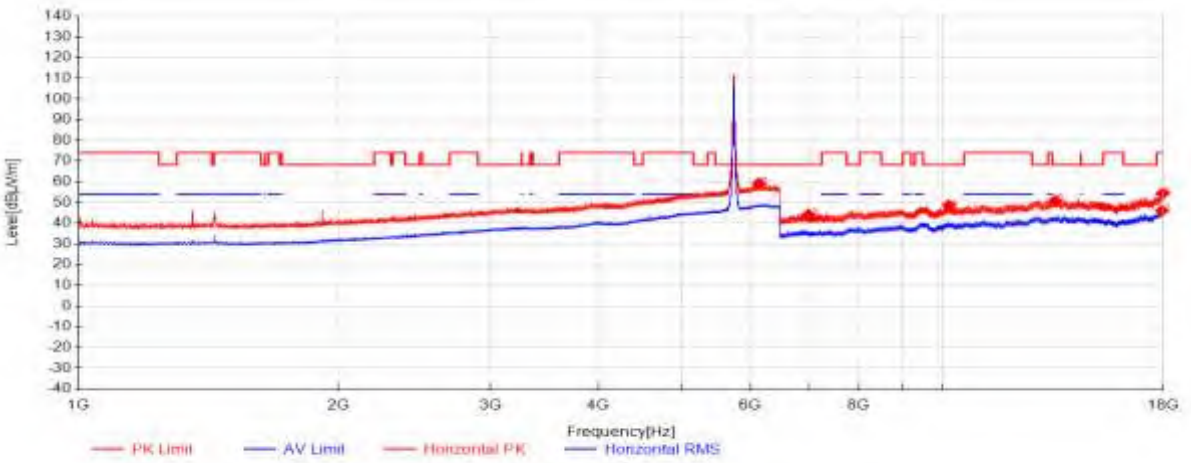
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17917.9667	35.77	41.46	-31.09	46.14	54.00	7.86	Horizontal
2	6060	41.41	34.62	-16.86	59.17	68.20	9.03	Horizontal
3	6868.7667	51.48	36.09	-42.70	44.87	68.20	23.33	Horizontal
4	9582.3833	47.98	38.06	-38.27	47.77	68.20	20.43	Horizontal
5	13391.5667	46.27	40.10	-34.47	51.89	74.00	22.11	Horizontal
6	17959.3667	42.97	41.58	-31.01	53.54	74.00	20.46	Horizontal

11a_TX_CH_144_Vertical



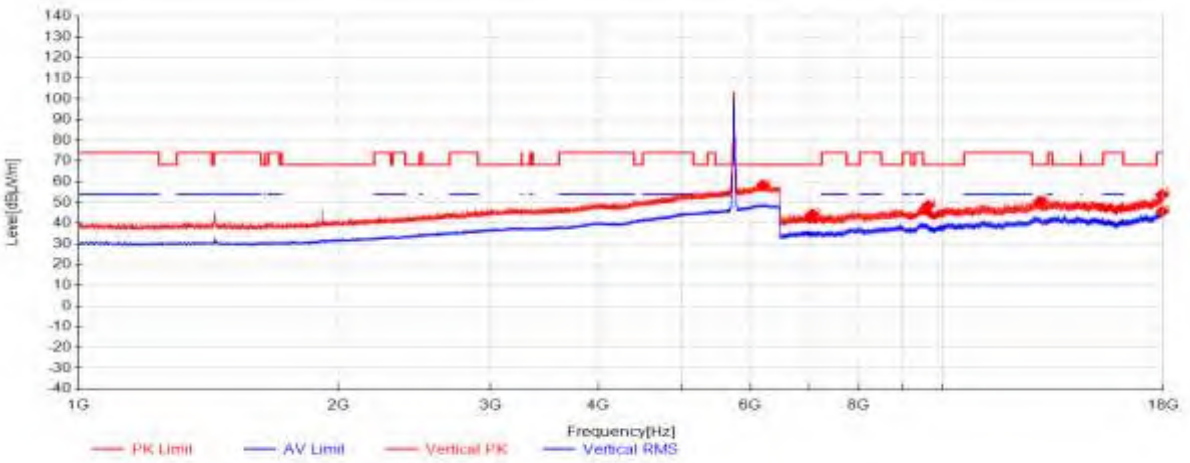
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.1667	35.27	41.62	-30.98	45.91	54.00	8.09	Vertical
2	6265.7917	40.99	35.03	-16.96	59.06	68.20	9.14	Vertical
3	7196.1333	49.96	36.30	-42.04	44.22	68.20	23.98	Vertical
4	9476.9667	48.48	38.05	-38.52	48.01	74.00	25.99	Vertical
5	13624.25	45.68	40.21	-34.36	51.53	68.20	16.67	Vertical
6	17985.4333	42.78	41.66	-30.96	53.48	74.00	20.52	Vertical

11a_TX_CH_149_Horizontal



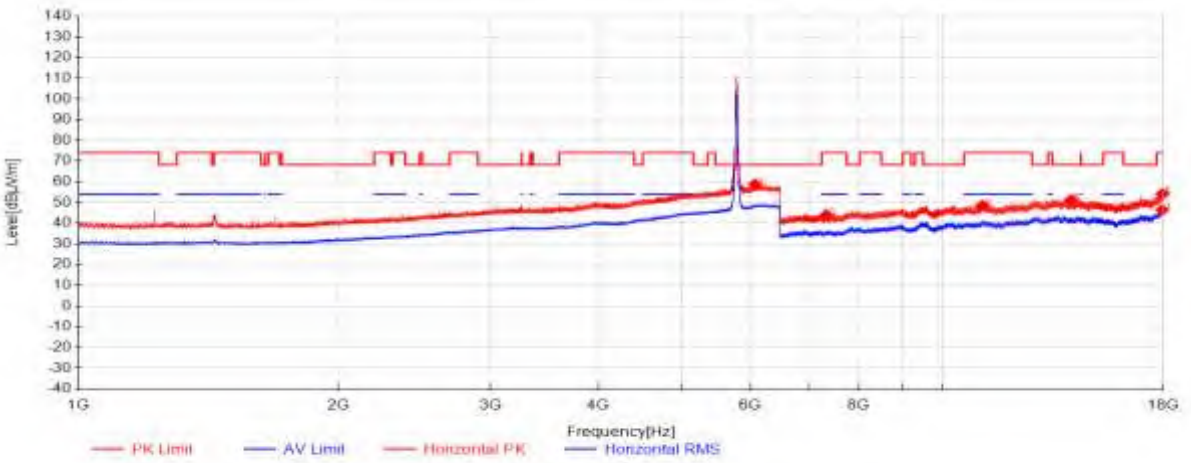
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17953.2333	35.54	41.56	-31.02	46.08	54.00	7.92	Horizontal
2	6133.7917	41.27	34.77	-16.72	59.31	68.20	8.89	Horizontal
3	6998.7167	50.55	36.30	-42.63	44.22	68.20	23.98	Horizontal
4	10170.4167	46.98	38.30	-36.60	48.68	68.20	19.52	Horizontal
5	13510.4	45.71	40.16	-35.03	50.83	68.20	17.37	Horizontal
6	17983.9	43.74	41.65	-30.96	54.43	74.00	19.57	Horizontal

11a_TX_CH_149_Vertical



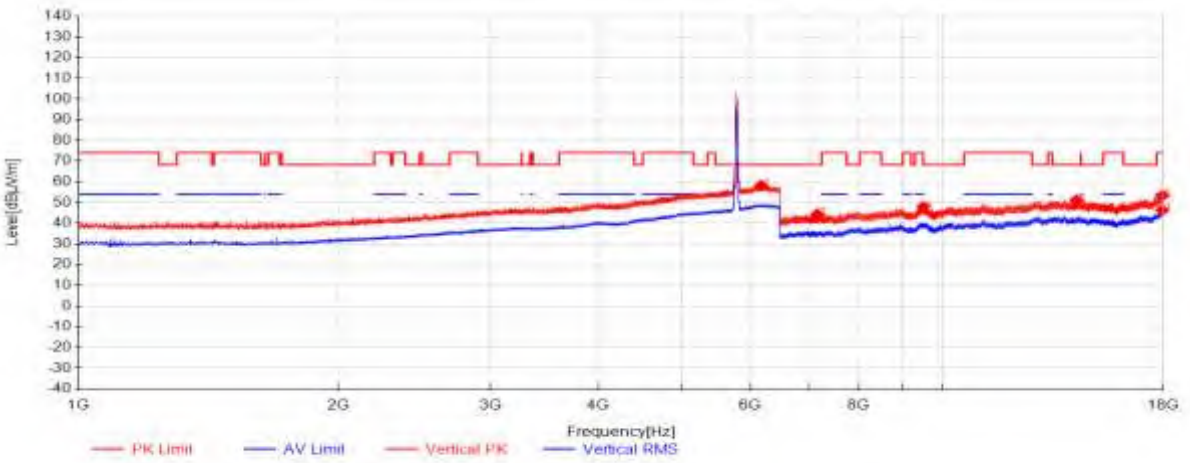
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.55	35.04	41.62	-30.98	45.68	54.00	8.32	Vertical
2	6202.0833	40.31	34.90	-16.81	58.40	68.20	9.80	Vertical
3	7068.4833	50.51	36.30	-42.53	44.28	68.20	23.92	Vertical
4	9626.0833	48.48	38.06	-38.07	48.47	68.20	19.73	Vertical
5	12981.4	45.95	39.88	-35.22	50.61	68.20	17.59	Vertical
6	17951.3167	43.14	41.56	-31.03	53.67	74.00	20.33	Vertical

11a_TX_CH_157_Horizontal



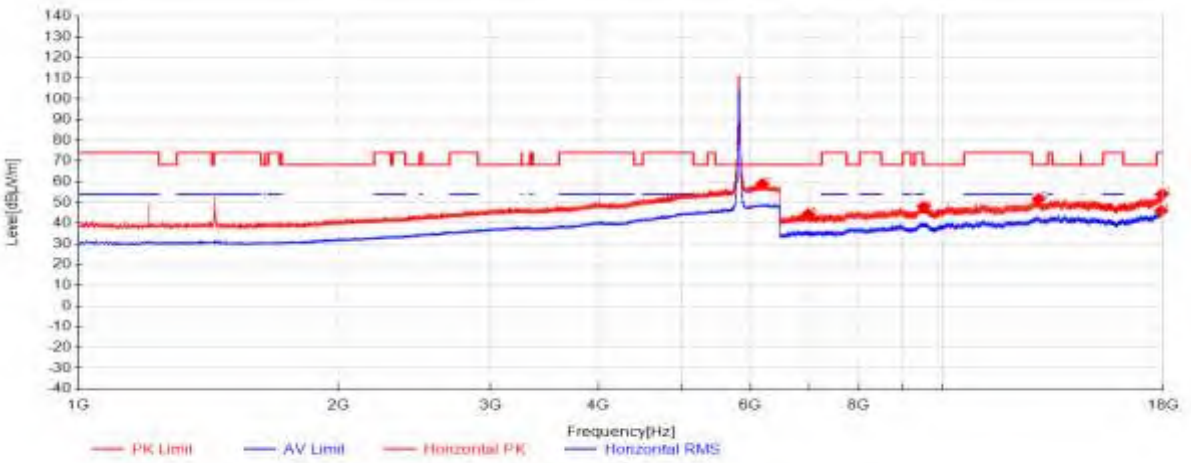
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17961.6667	35.87	41.59	-31.01	46.45	54.00	7.55	Horizontal
2	6070.0833	40.93	34.64	-16.81	58.76	68.20	9.44	Horizontal
3	7337.9667	49.79	36.30	-42.10	43.99	74.00	30.01	Horizontal
4	11126.45	44.92	39.22	-35.57	48.58	74.00	25.42	Horizontal
5	14091.5333	45.72	40.35	-34.81	51.26	68.20	16.94	Horizontal
6	17969.7167	43.54	41.61	-30.99	54.16	74.00	19.84	Horizontal

11a_TX_CH_157_Vertical



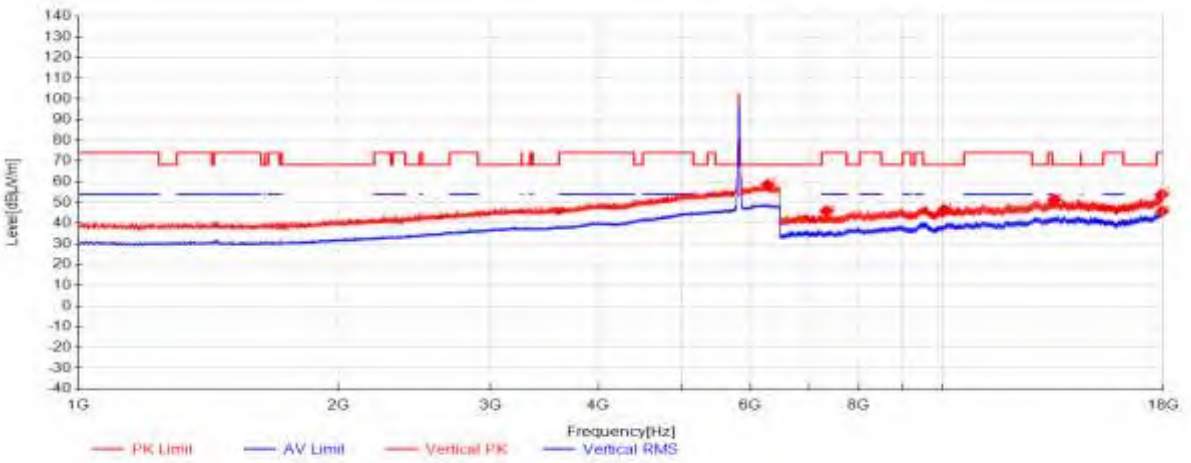
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17968.95	35.74	41.61	-30.99	46.36	54.00	7.64	Vertical
2	6167.7083	40.16	34.84	-16.77	58.23	68.20	9.97	Vertical
3	7167	50.23	36.30	-42.17	44.36	68.20	23.84	Vertical
4	9505.3333	48.38	38.05	-38.48	47.95	68.20	20.25	Vertical
5	14291.6333	45.89	40.23	-35.00	51.11	68.20	17.09	Vertical
6	17969.3333	42.64	41.61	-30.99	53.26	74.00	20.74	Vertical

11a_TX_CH_165_Horizontal



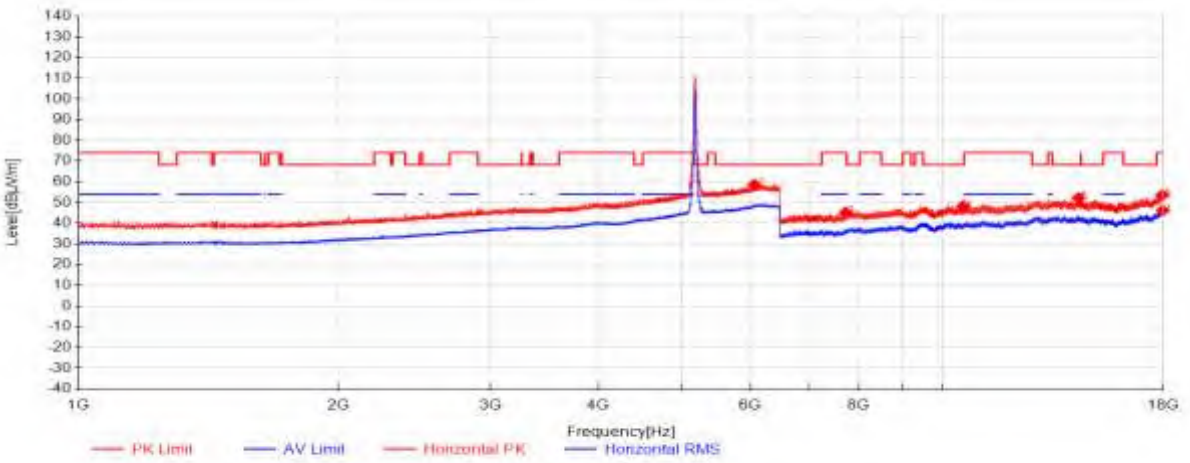
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17916.05	35.60	41.46	-31.10	45.96	54.00	8.04	Horizontal
2	6189.25	40.92	34.88	-16.80	59.00	68.20	9.20	Horizontal
3	6993.7333	50.75	36.29	-42.63	44.41	68.20	23.79	Horizontal
4	9509.1667	48.46	38.05	-38.47	48.05	68.20	20.15	Horizontal
5	12920.8333	46.57	39.81	-34.65	51.72	68.20	16.48	Horizontal
6	17942.1167	43.47	41.53	-31.05	53.96	74.00	20.04	Horizontal

11a_TX_CH_165_Vertical



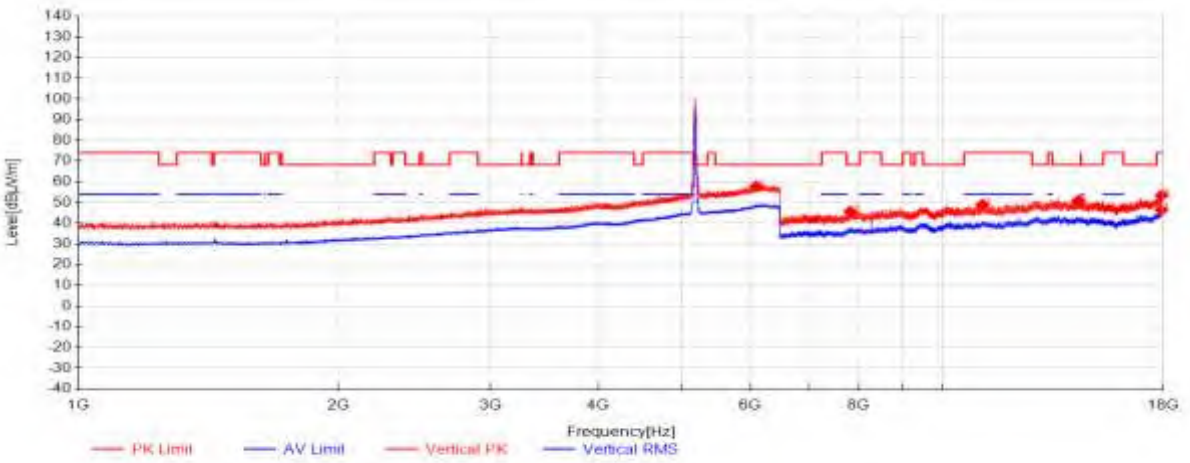
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17965.5	35.23	41.60	-31.00	45.83	54.00	8.17	Vertical
2	6276.7917	40.49	35.05	-16.99	58.56	68.20	9.64	Vertical
3	7341.8	51.66	36.30	-42.09	45.87	74.00	28.13	Vertical
4	10040.4667	45.77	38.15	-37.37	46.55	68.20	21.65	Vertical
5	13467.85	46.18	40.13	-34.93	51.39	68.20	16.81	Vertical
6	17927.1667	43.33	41.49	-31.08	53.74	74.00	20.26	Vertical

11ac(VHT20)_TX_CH_36_Horizontal



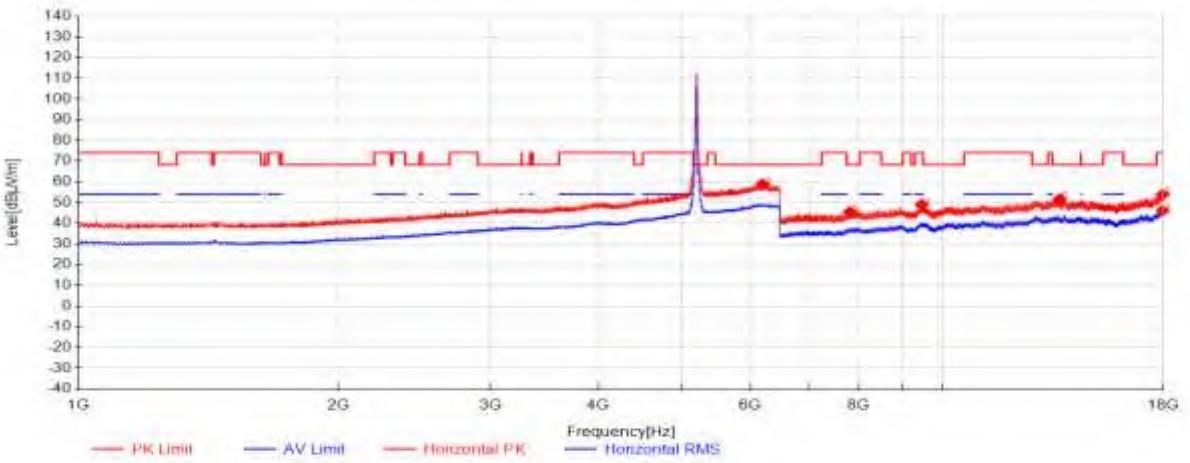
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17993.1	35.40	41.68	-30.94	46.14	54.00	7.86	Horizontal
2	6059.0833	40.83	34.62	-16.86	58.59	68.20	9.61	Horizontal
3	7727.4333	50.01	36.75	-41.52	45.24	74.00	28.76	Horizontal
4	10576.75	46.13	38.79	-36.61	48.31	68.20	19.89	Horizontal
5	14375.5833	46.02	40.17	-34.06	52.14	68.20	16.06	Horizontal
6	17969.7167	42.96	41.61	-30.99	53.58	74.00	20.42	Horizontal

11ac(VHT20)_TX_CH_36_Vertical



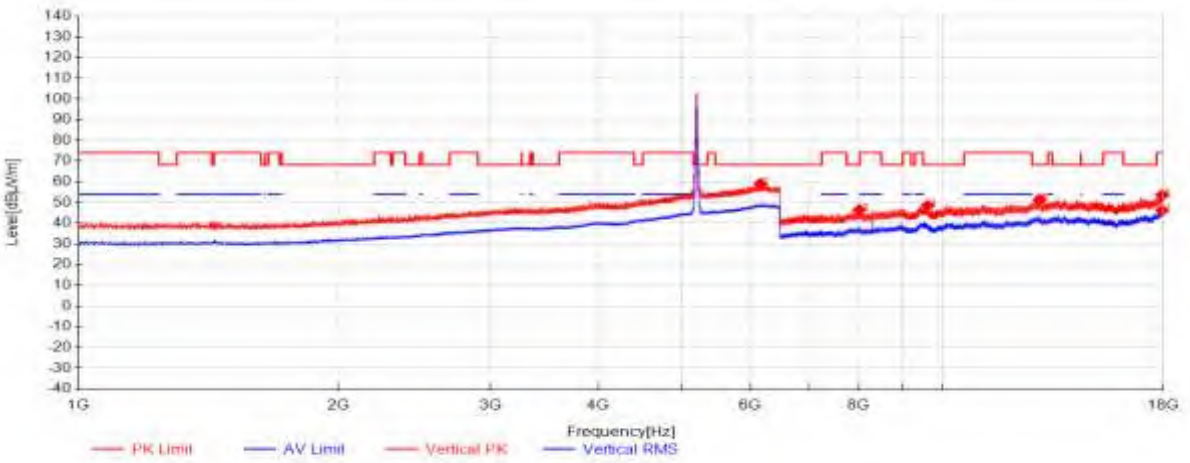
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17931.3833	35.96	41.50	-31.07	46.39	54.00	7.61	Vertical
2	6088.4167	39.83	34.68	-16.73	57.78	68.20	10.42	Vertical
3	7827.4833	49.82	36.95	-41.15	45.62	68.20	22.58	Vertical
4	11127.2167	45.33	39.22	-35.56	48.99	74.00	25.01	Vertical
5	14366	44.91	40.18	-34.17	50.92	68.20	17.28	Vertical
6	17942.1167	42.96	41.53	-31.05	53.45	74.00	20.55	Vertical

11ac(VHT20)_TX_CH_40_Horizontal



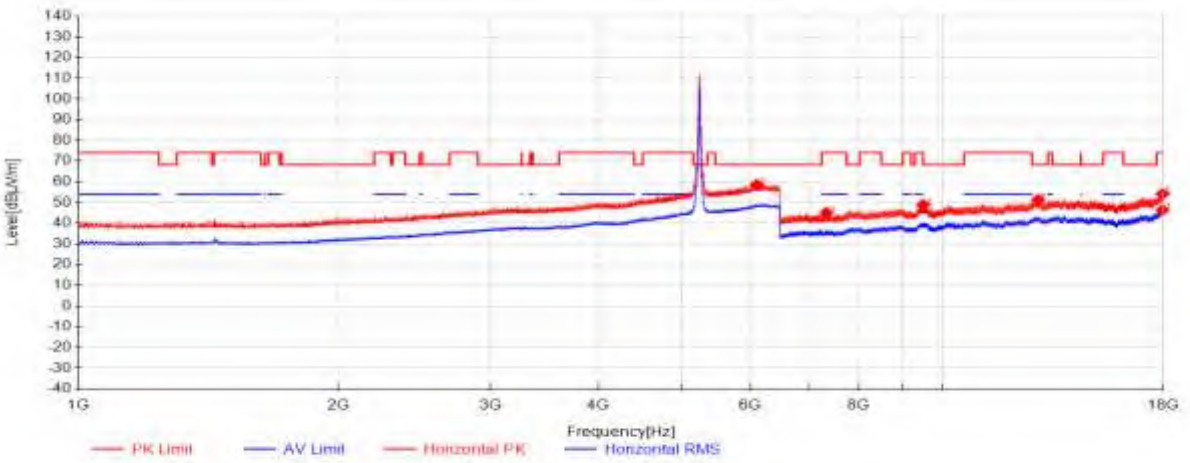
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17984.6667	35.37	41.66	-30.96	46.06	54.00	7.94	Horizontal
2	6194.2917	40.79	34.89	-16.80	58.88	68.20	9.32	Horizontal
3	7813.6833	49.60	36.93	-41.09	45.44	68.20	22.76	Horizontal
4	9461.25	49.43	38.05	-38.54	48.94	74.00	25.06	Horizontal
5	13664.1167	46.29	40.23	-34.89	51.64	68.20	16.56	Horizontal
6	17978.15	43.09	41.64	-30.97	53.75	74.00	20.25	Horizontal

11ac(VHT20)_TX_CH_40_Vertical



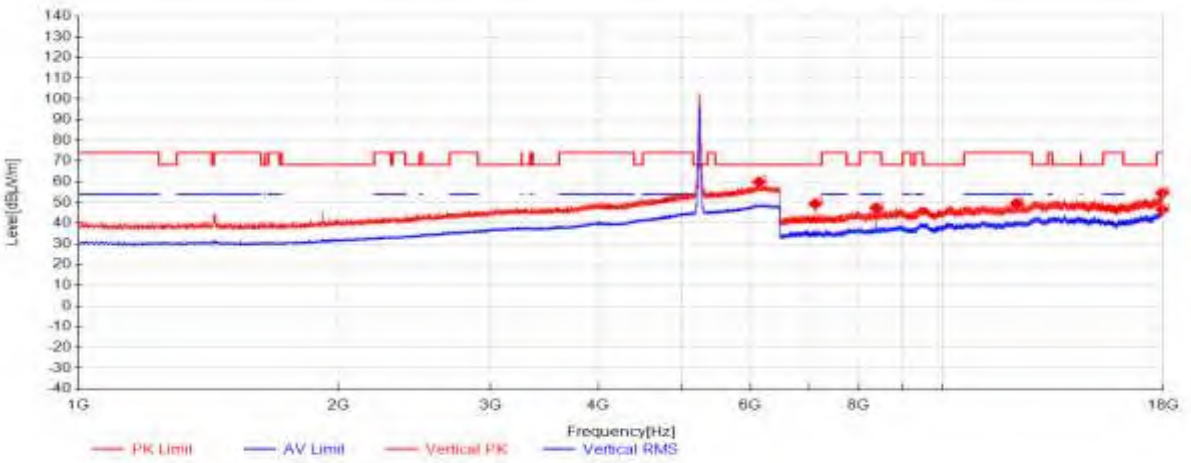
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17966.2667	35.60	41.60	-31.00	46.20	54.00	7.80	Vertical
2	6156.7083	41.07	34.81	-16.75	59.13	68.20	9.07	Vertical
3	8018.7667	50.35	37.31	-41.15	46.51	68.20	21.69	Vertical
4	9616.1167	48.58	38.06	-38.13	48.51	68.20	19.69	Vertical
5	12963.7667	46.64	39.86	-35.05	51.44	68.20	16.76	Vertical
6	17965.8833	42.97	41.60	-31.00	53.57	74.00	20.43	Vertical

11ac(VHT20)_TX_CH_48_Horizontal



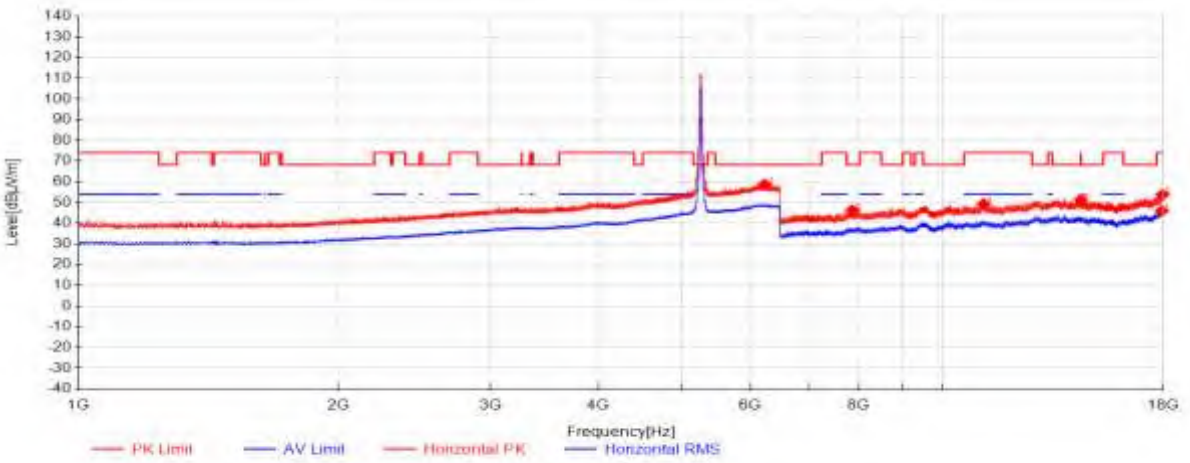
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17977.7667	35.70	41.64	-30.97	46.36	54.00	7.64	Horizontal
2	6098.9583	40.60	34.70	-16.68	58.61	68.20	9.59	Horizontal
3	7340.2667	50.84	36.30	-42.10	45.04	74.00	28.96	Horizontal
4	9499.2	49.30	38.05	-38.49	48.86	74.00	25.14	Horizontal
5	12897.0667	45.98	39.78	-34.47	51.29	68.20	16.91	Horizontal
6	17981.9833	43.48	41.65	-30.97	54.16	74.00	19.84	Horizontal

11ac(VHT20)_TX_CH_48_Vertical



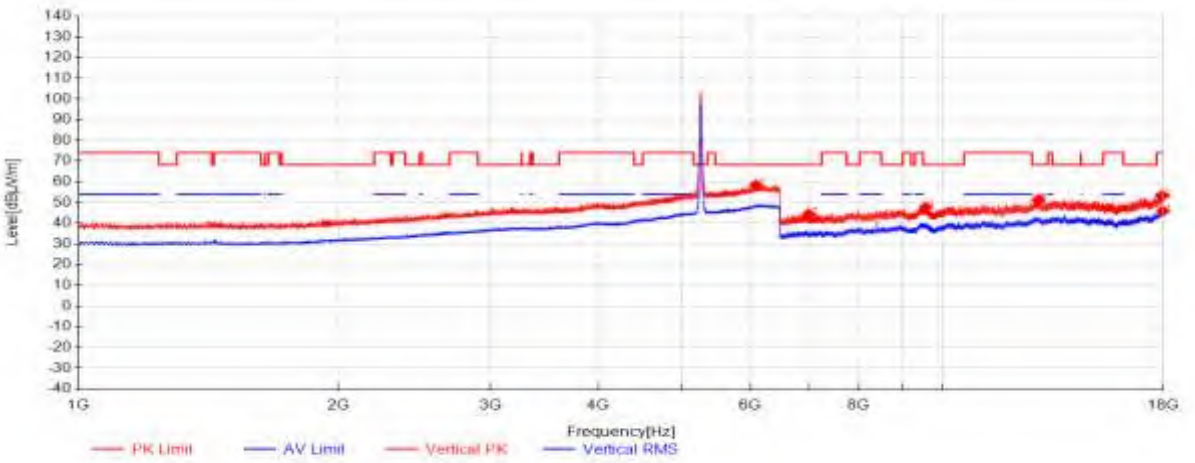
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17963.2	36.00	41.59	-31.00	46.59	54.00	7.41	Vertical
2	6132.875	41.88	34.77	-16.72	59.92	68.20	8.28	Vertical
3	7129.05	55.48	36.30	-42.35	49.43	68.20	18.77	Vertical
4	8383.7	50.56	37.57	-40.76	47.37	74.00	26.63	Vertical
5	12186.75	45.97	38.92	-35.32	49.57	74.00	24.43	Vertical
6	17965.1167	43.98	41.60	-31.00	54.58	74.00	19.42	Vertical

11ac(VHT20)_TX_CH_52_Horizontal



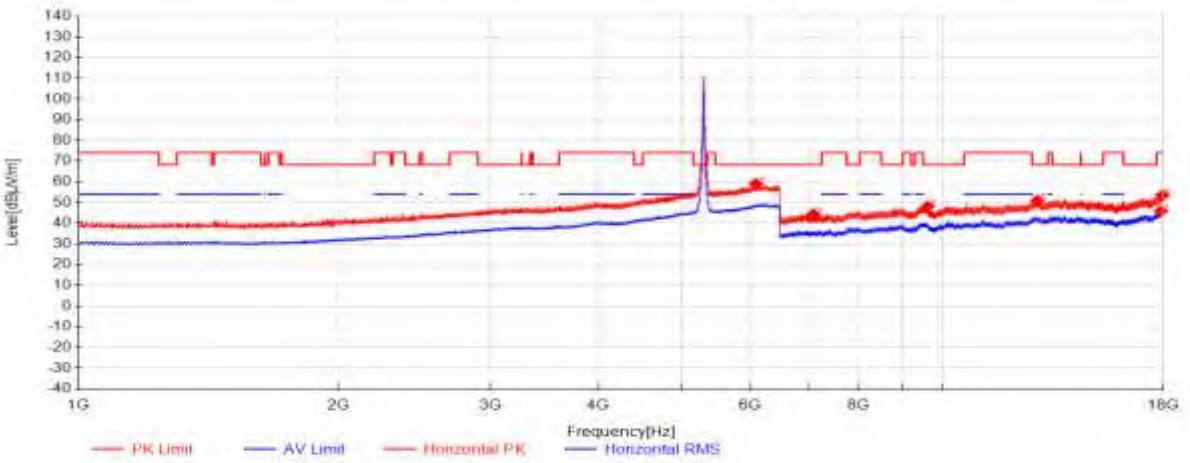
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17941.35	35.47	41.53	-31.05	45.95	54.00	8.05	Horizontal
2	6228.6667	40.67	34.96	-16.88	58.75	68.20	9.45	Horizontal
3	7863.1333	50.60	37.03	-41.32	46.30	68.20	21.90	Horizontal
4	11158.2667	45.47	39.21	-35.35	49.33	74.00	24.67	Horizontal
5	14448.4167	45.42	40.13	-34.27	51.28	68.20	16.92	Horizontal
6	17974.3167	43.12	41.63	-30.98	53.76	74.00	20.24	Horizontal

11ac(VHT20)_TX_CH_52_Vertical



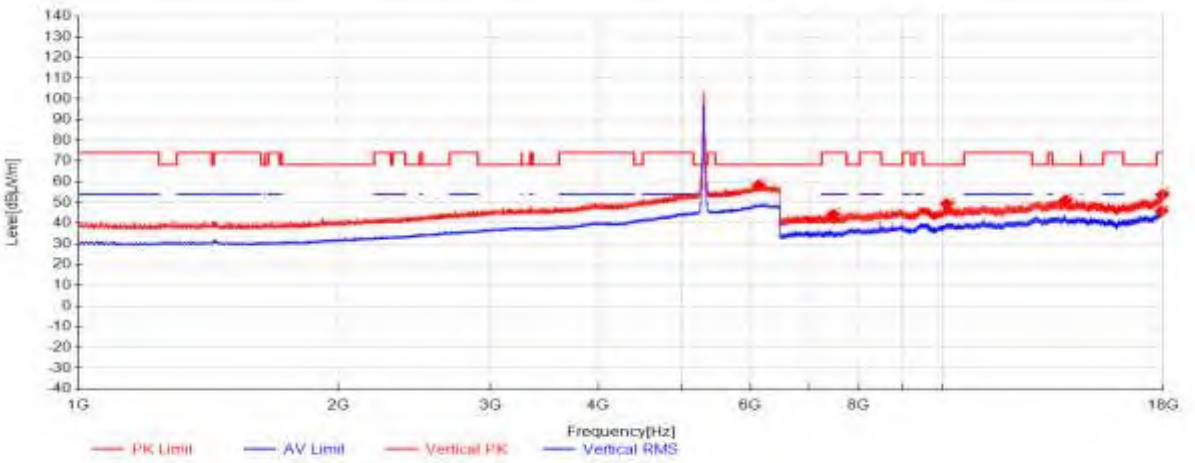
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17995.0167	35.13	41.69	-30.94	45.88	54.00	8.12	Vertical
2	6082.9167	40.45	34.67	-16.76	58.36	68.20	9.84	Vertical
3	7002.1667	50.65	36.30	-42.63	44.32	68.20	23.88	Vertical
4	9560.5333	47.87	38.06	-38.33	47.60	68.20	20.60	Vertical
5	12913.9333	46.13	39.80	-34.59	51.34	68.20	16.86	Vertical
6	17957.45	42.65	41.58	-31.02	53.21	74.00	20.79	Vertical

11ac(VHT20)_TX_CH_60_Horizontal



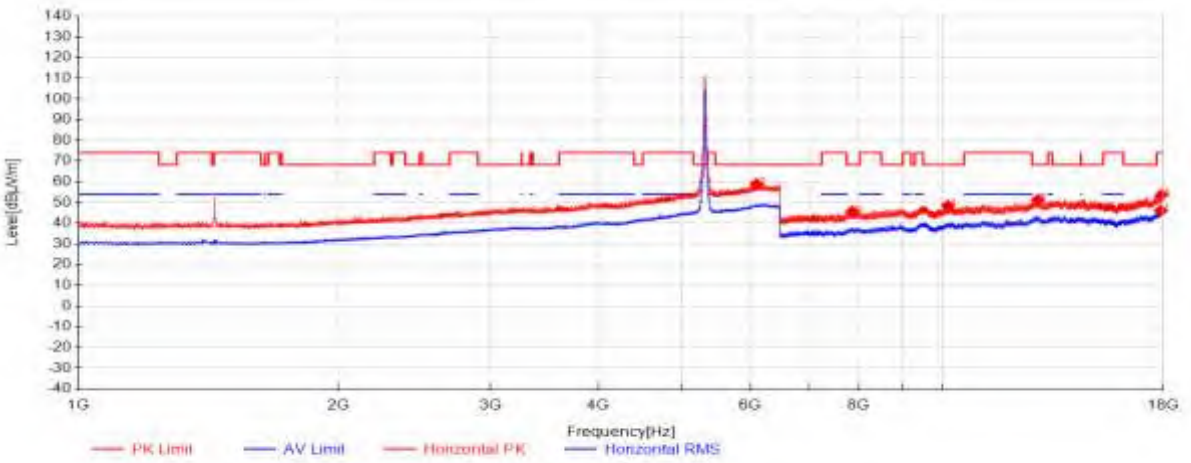
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17907.6167	35.50	41.43	-31.11	45.82	54.00	8.18	Horizontal
2	6083.375	41.13	34.67	-16.75	59.04	68.20	9.16	Horizontal
3	7094.55	50.58	36.30	-42.49	44.39	68.20	23.81	Horizontal
4	9614.5833	48.19	38.06	-38.14	48.11	68.20	20.09	Horizontal
5	12880.5833	45.66	39.76	-34.52	50.89	68.20	17.31	Horizontal
6	17976.2333	42.78	41.63	-30.98	53.43	74.00	20.57	Horizontal

11ac(VHT20)_TX_CH_60_Vertical



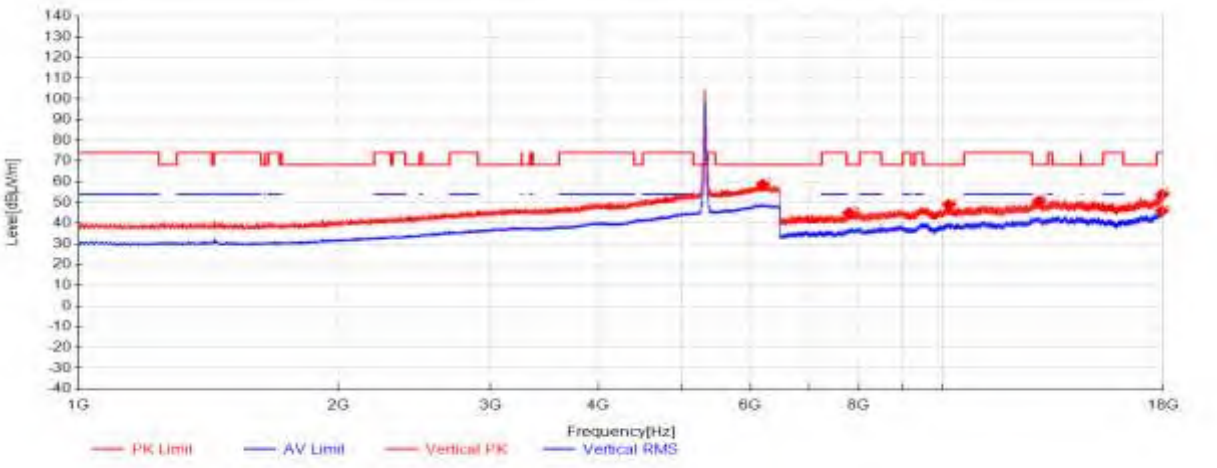
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17929.85	35.42	41.50	-31.07	45.85	54.00	8.15	Vertical
2	6126.4583	40.29	34.75	-16.71	58.33	68.20	9.87	Vertical
3	7468.3	49.96	36.30	-42.04	44.22	74.00	29.78	Vertical
4	10112.5333	48.42	38.24	-37.32	49.33	68.20	18.87	Vertical
5	13877.6333	44.77	40.34	-34.10	51.01	68.20	17.19	Vertical
6	17967.4167	43.09	41.61	-31.00	53.70	74.00	20.30	Vertical

11ac(VHT20)_TX_CH_64_Horizontal



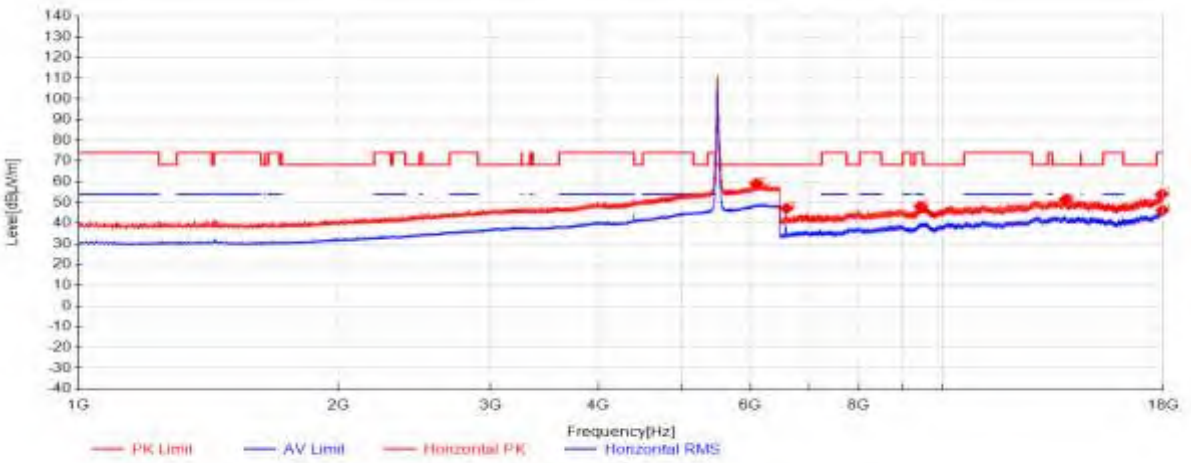
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17899.95	35.79	41.41	-31.13	46.07	54.00	7.93	Horizontal
2	6093.9167	41.02	34.69	-16.71	59.00	68.20	9.20	Horizontal
3	7868.1167	50.06	37.04	-41.35	45.75	68.20	22.45	Horizontal
4	10140.1333	47.26	38.27	-36.98	48.55	68.20	19.65	Horizontal
5	12895.9167	46.02	39.78	-34.47	51.32	68.20	16.88	Horizontal
6	17926.7833	43.21	41.49	-31.08	53.62	74.00	20.38	Horizontal

11ac(VHT20)_TX_CH_64_Vertical



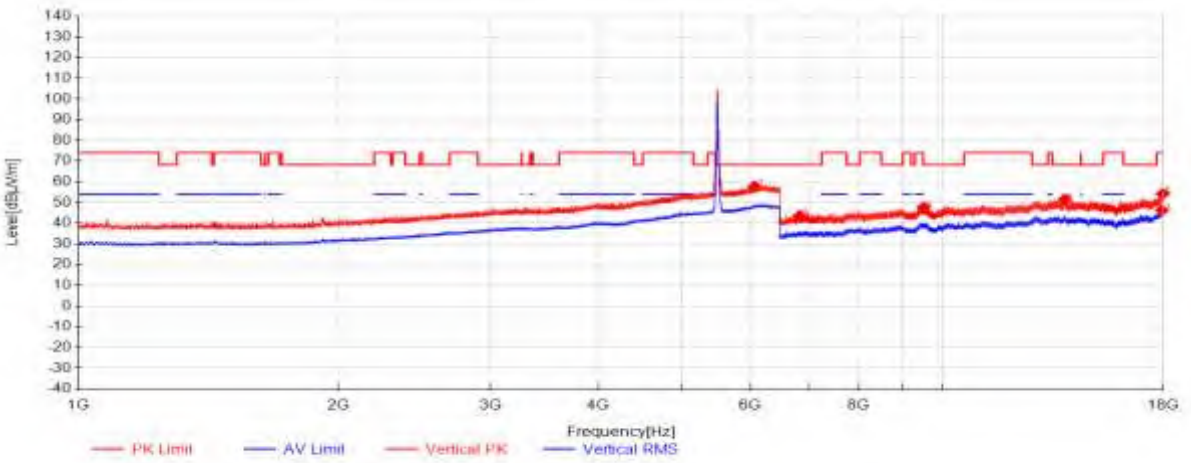
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17947.4833	35.39	41.55	-31.04	45.90	54.00	8.10	Vertical
2	6193.375	40.59	34.89	-16.80	58.68	68.20	9.52	Vertical
3	7795.6667	49.09	36.89	-41.05	44.93	68.20	23.27	Vertical
4	10171.1833	47.15	38.31	-36.59	48.87	68.20	19.33	Vertical
5	12932.3333	45.54	39.82	-34.76	50.60	68.20	17.60	Vertical
6	17950.55	43.23	41.56	-31.03	53.76	74.00	20.24	Vertical

11ac(VHT20)_TX_CH_100_Horizontal



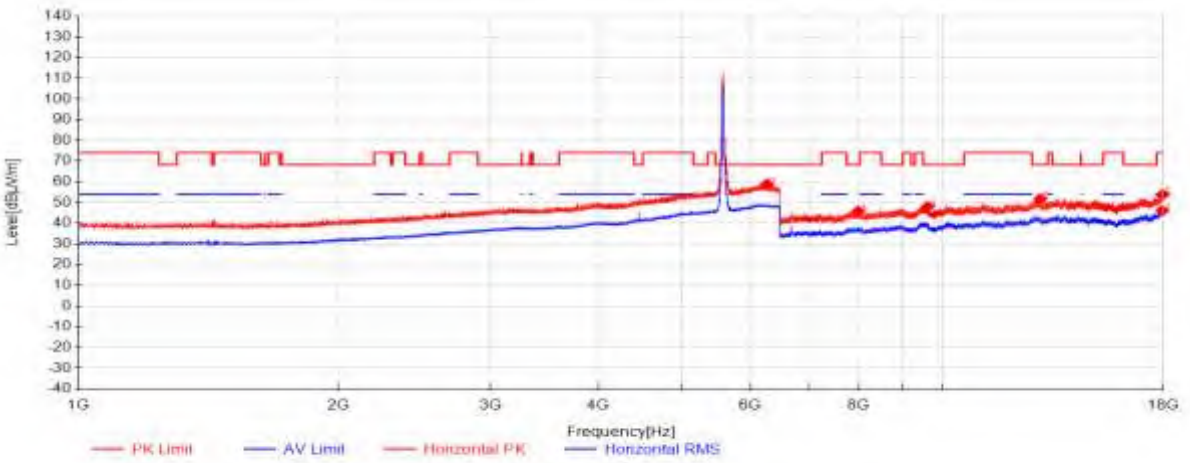
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17978.5333	35.61	41.64	-30.97	46.27	54.00	7.73	Horizontal
2	6092.0833	41.30	34.68	-16.71	59.27	68.20	8.93	Horizontal
3	6600.4333	54.34	35.66	-42.85	47.15	68.20	21.05	Horizontal
4	9429.4333	48.70	38.04	-38.58	48.16	74.00	25.84	Horizontal
5	13890.2833	45.18	40.35	-33.93	51.59	68.20	16.61	Horizontal
6	17928.3167	43.40	41.49	-31.07	53.82	74.00	20.18	Horizontal

11ac(VHT20)_TX_CH_100_Vertical



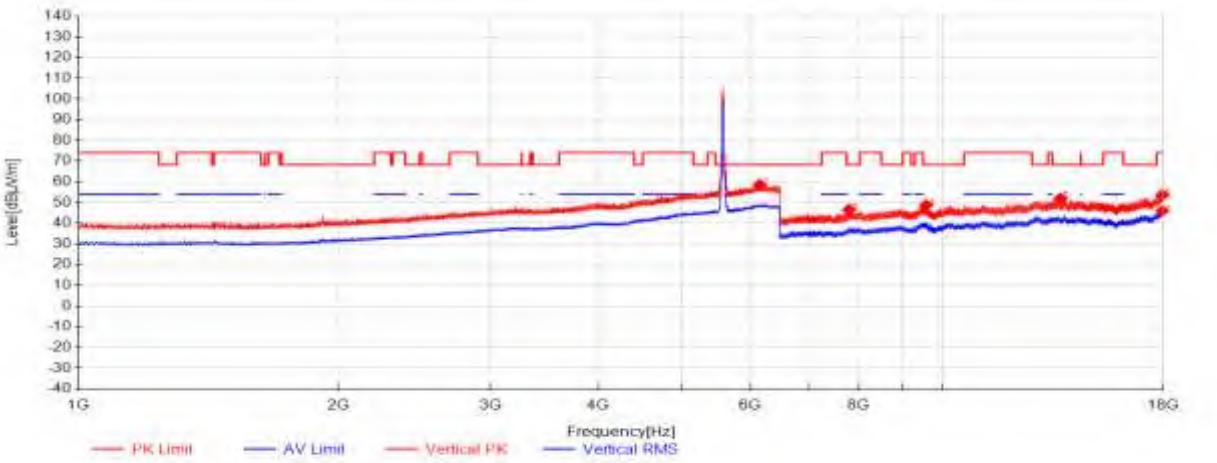
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17953.6167	35.73	41.57	-31.02	46.27	54.00	7.73	Vertical
2	6062.75	40.02	34.63	-16.84	57.80	68.20	10.40	Vertical
3	6837.7167	50.39	36.04	-42.77	43.66	68.20	24.54	Vertical
4	9512.6167	48.08	38.05	-38.46	47.68	68.20	20.52	Vertical
5	13854.25	45.67	40.33	-34.42	51.58	68.20	16.62	Vertical
6	17990.8	43.50	41.67	-30.95	54.22	74.00	19.78	Vertical

11ac(VHT20)_TX_CH_116_Horizontal



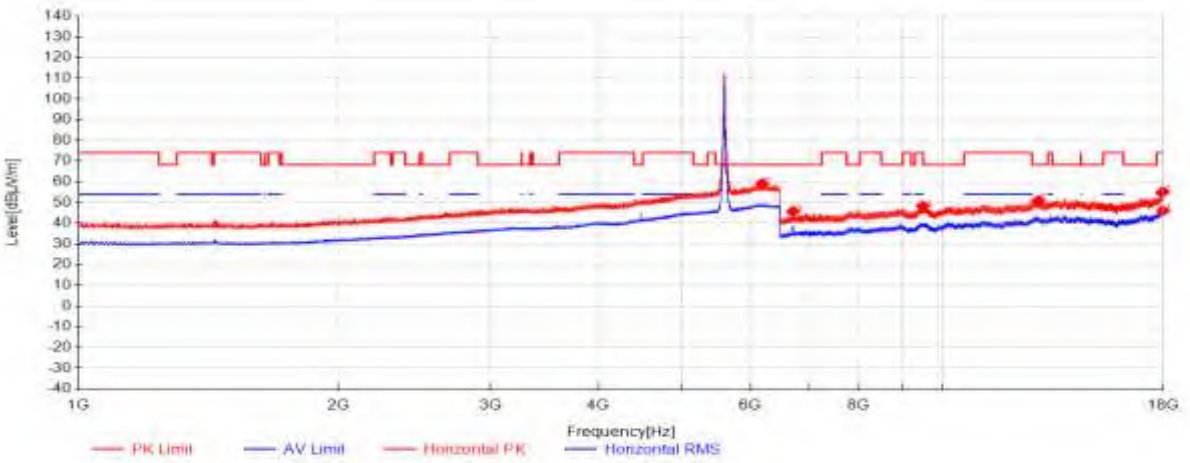
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17970.1	35.51	41.61	-30.99	46.13	54.00	7.87	Horizontal
2	6266.25	40.70	35.03	-16.96	58.77	68.20	9.43	Horizontal
3	7992.3167	49.69	37.28	-41.20	45.77	68.20	22.43	Horizontal
4	9613.4333	48.07	38.06	-38.14	47.99	68.20	20.21	Horizontal
5	12973.35	46.93	39.87	-35.14	51.66	68.20	16.54	Horizontal
6	17982.3667	43.05	41.65	-30.97	53.73	74.00	20.27	Horizontal

11ac(VHT20)_TX_CH_116_Vertical



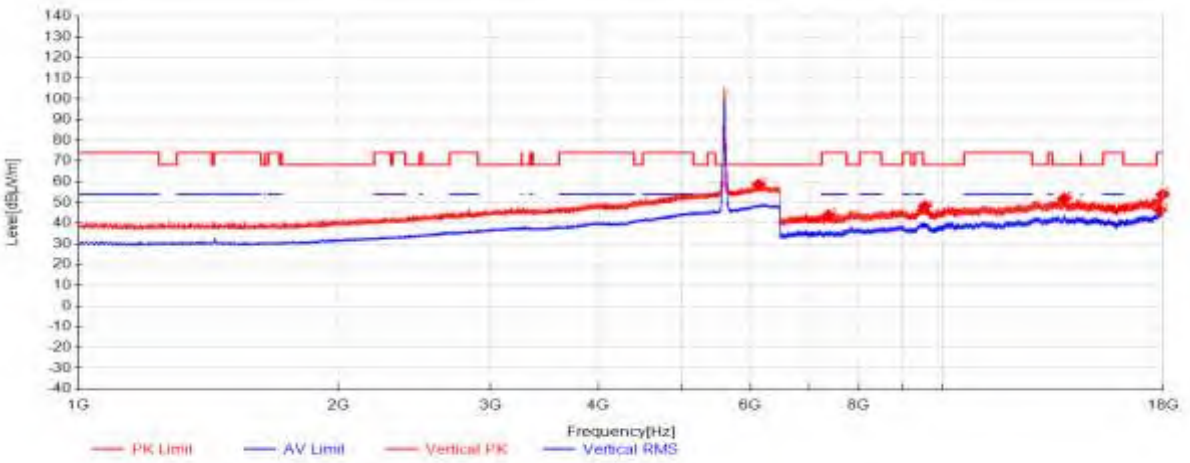
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17967.8	35.31	41.61	-30.99	45.92	54.00	8.08	Vertical
2	6144.7917	40.50	34.79	-16.74	58.55	68.20	9.65	Vertical
3	7796.8167	50.75	36.89	-41.04	46.60	68.20	21.60	Vertical
4	9580.4667	48.95	38.06	-38.27	48.74	68.20	19.46	Vertical
5	13688.2667	46.86	40.24	-35.21	51.90	68.20	16.30	Vertical
6	17973.55	42.97	41.62	-30.98	53.61	74.00	20.39	Vertical

11ac(VHT20)_TX_CH_120_Horizontal



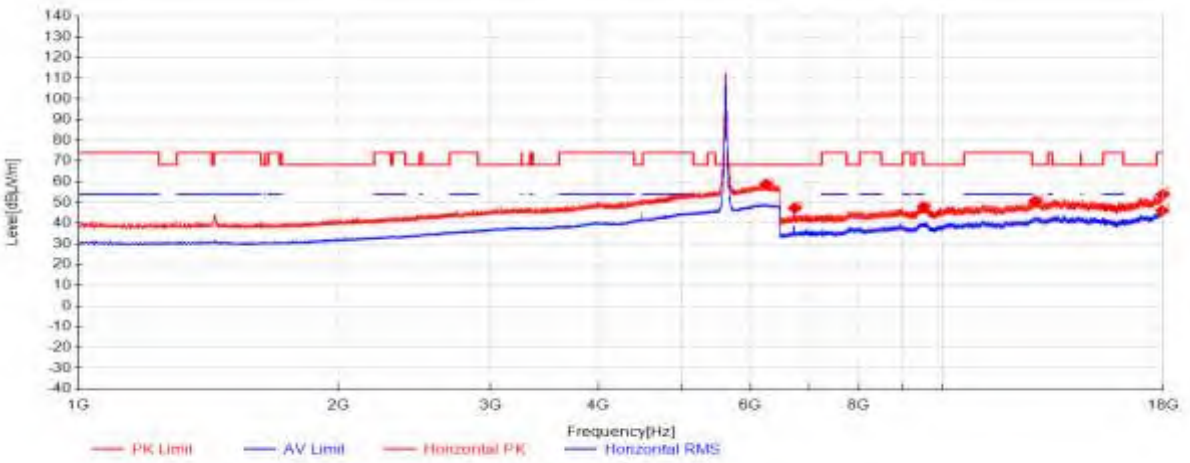
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17996.1667	35.26	41.69	-30.94	46.01	54.00	7.99	Horizontal
2	6186.5	41.00	34.87	-16.79	59.08	68.20	9.12	Horizontal
3	6719.65	52.68	35.85	-42.85	45.68	68.20	22.52	Horizontal
4	9493.0667	48.65	38.05	-38.50	48.20	74.00	25.80	Horizontal
5	12907.8	45.55	39.79	-34.53	50.81	68.20	17.39	Horizontal
6	17979.3	44.39	41.64	-30.97	55.06	74.00	18.94	Horizontal

11ac(VHT20)_TX_CH_120_Vertical



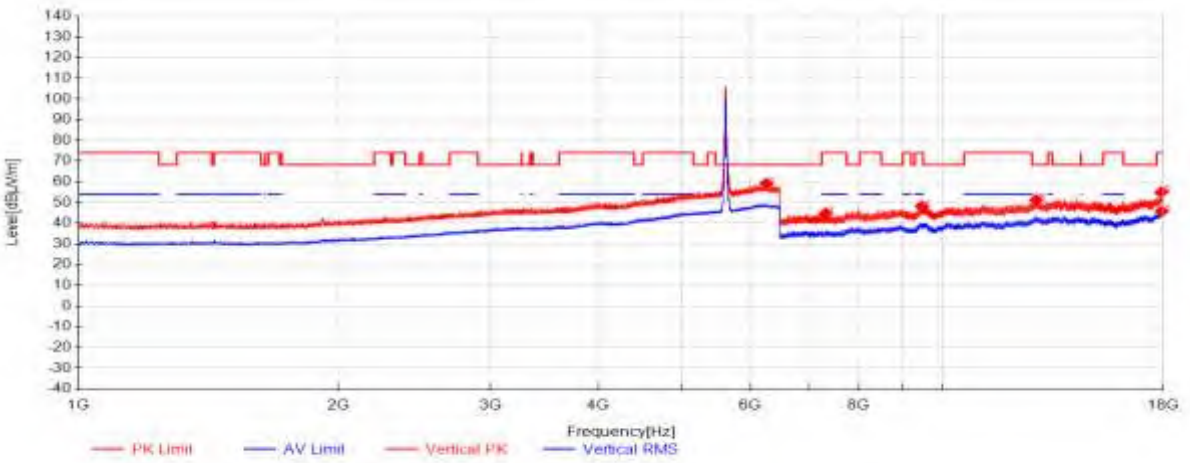
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17863.15	36.47	41.30	-31.42	46.35	54.00	7.65	Vertical
2	6126	40.66	34.75	-16.71	58.70	68.20	9.50	Vertical
3	7380.9	49.67	36.30	-42.05	43.92	74.00	30.08	Vertical
4	9540.9833	48.61	38.05	-38.38	48.28	68.20	19.92	Vertical
5	13836.6167	46.36	40.32	-34.66	52.02	68.20	16.18	Vertical
6	17978.5333	43.12	41.64	-30.97	53.78	74.00	20.22	Vertical

11ac(VHT20)_TX_CH_124_Horizontal



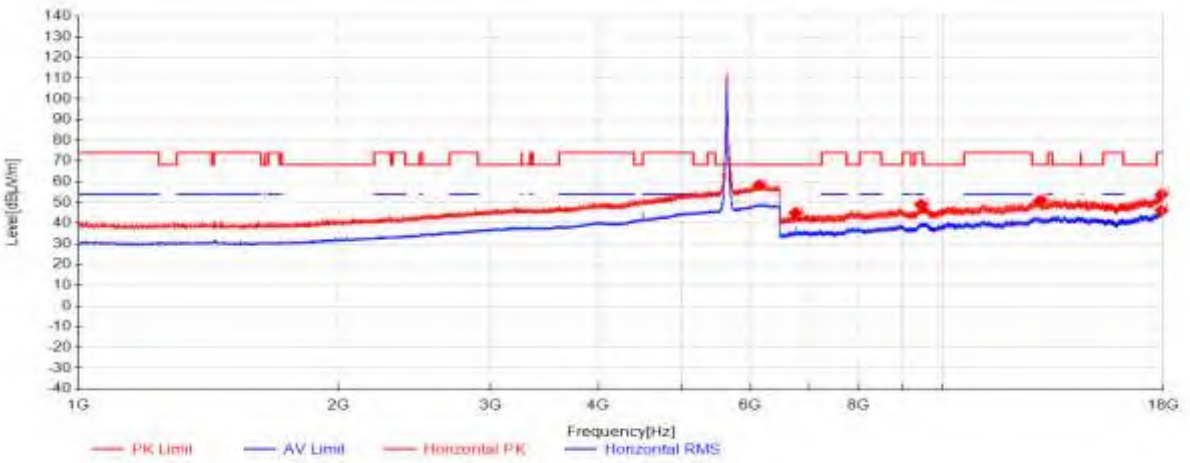
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17957.8333	35.51	41.58	-31.01	46.07	54.00	7.93	Horizontal
2	6250.2083	40.74	35.00	-16.93	58.81	68.20	9.39	Horizontal
3	6747.6333	54.29	35.90	-42.85	47.34	68.20	20.86	Horizontal
4	9511.85	48.35	38.05	-38.46	47.94	68.20	20.26	Horizontal
5	12804.6833	45.77	39.67	-34.77	50.67	68.20	17.53	Horizontal
6	17986.2	43.06	41.66	-30.96	53.76	74.00	20.24	Horizontal

11ac(VHT20)_TX_CH_124_Vertical



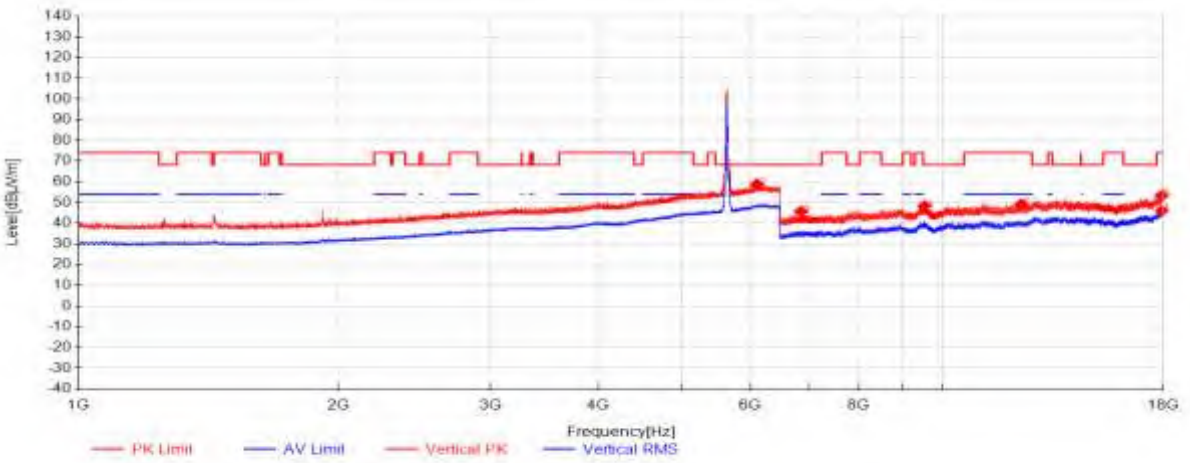
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17944.8	35.24	41.54	-31.04	45.74	54.00	8.26	Vertical
2	6256.1667	41.14	35.01	-16.94	59.21	68.20	8.99	Vertical
3	7326.85	50.59	36.30	-42.11	44.78	74.00	29.22	Vertical
4	9465.85	48.61	38.05	-38.53	48.12	74.00	25.88	Vertical
5	12839.5667	46.28	39.71	-34.65	51.33	68.20	16.87	Vertical
6	17930.6167	44.53	41.50	-31.07	54.96	74.00	19.04	Vertical

11ac(VHT20)_TX_CH_128_Horizontal



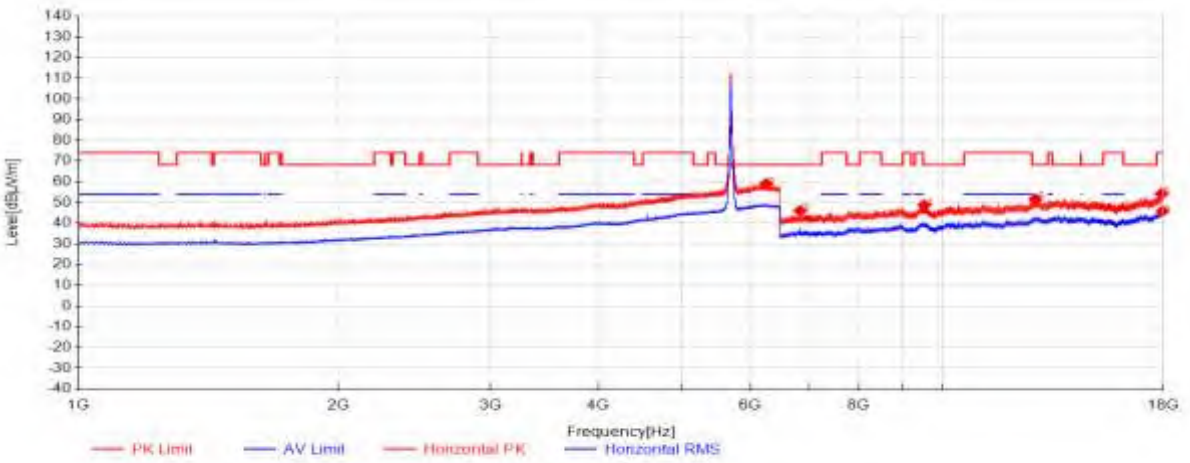
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17932.9167	35.68	41.51	-31.06	46.12	54.00	7.88	Horizontal
2	6136.5417	40.37	34.77	-16.73	58.42	68.20	9.78	Horizontal
3	6761.8167	52.01	35.92	-42.85	45.08	68.20	23.12	Horizontal
4	9444	49.50	38.04	-38.56	48.98	74.00	25.02	Horizontal
5	12984.0833	46.30	39.88	-35.24	50.94	68.20	17.26	Horizontal
6	17914.9	43.37	41.45	-31.10	53.72	74.00	20.28	Horizontal

11ac(VHT20)_TX_CH_128_Vertical



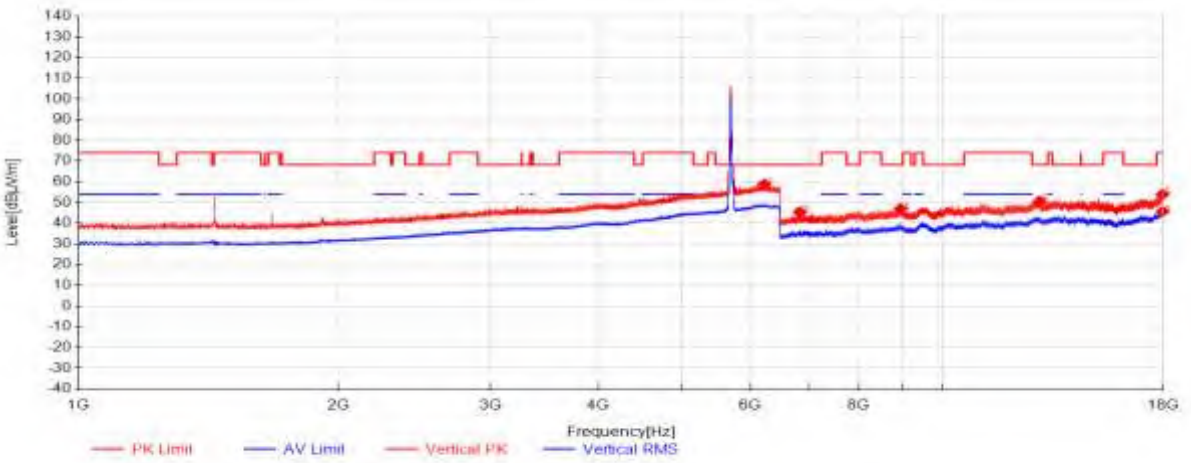
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17942.8833	35.50	41.53	-31.04	45.99	54.00	8.01	Vertical
2	6101.25	40.77	34.70	-16.68	58.79	68.20	9.41	Vertical
3	6857.65	52.30	36.07	-42.72	45.65	68.20	22.55	Vertical
4	9529.8667	48.72	38.05	-38.41	48.36	68.20	19.84	Vertical
5	12340.85	44.72	39.11	-34.67	49.16	74.00	24.84	Vertical
6	17937.5167	42.91	41.52	-31.05	53.37	74.00	20.63	Vertical

11ac(VHT20)_TX_CH_140_Horizontal



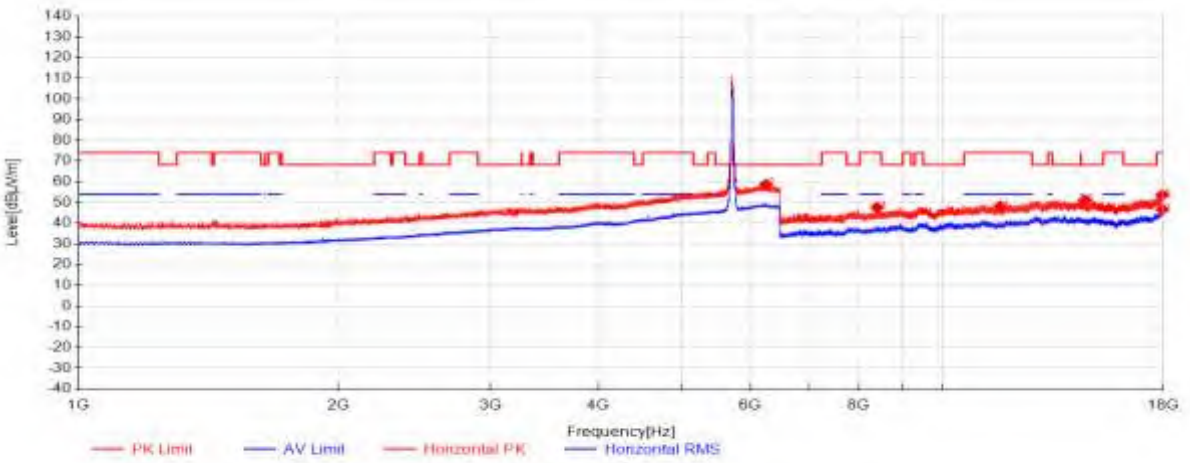
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17981.6	35.15	41.65	-30.97	45.83	54.00	8.17	Horizontal
2	6254.3333	41.02	35.01	-16.93	59.09	68.20	9.11	Horizontal
3	6843.0833	52.74	36.05	-42.76	46.03	68.20	22.17	Horizontal
4	9530.25	49.14	38.05	-38.41	48.78	68.20	19.42	Horizontal
5	12814.2667	46.70	39.68	-34.73	51.64	68.20	16.56	Horizontal
6	17919.8833	43.78	41.47	-31.09	54.16	74.00	19.84	Horizontal

11ac(VHT20)_TX_CH_140_Vertical



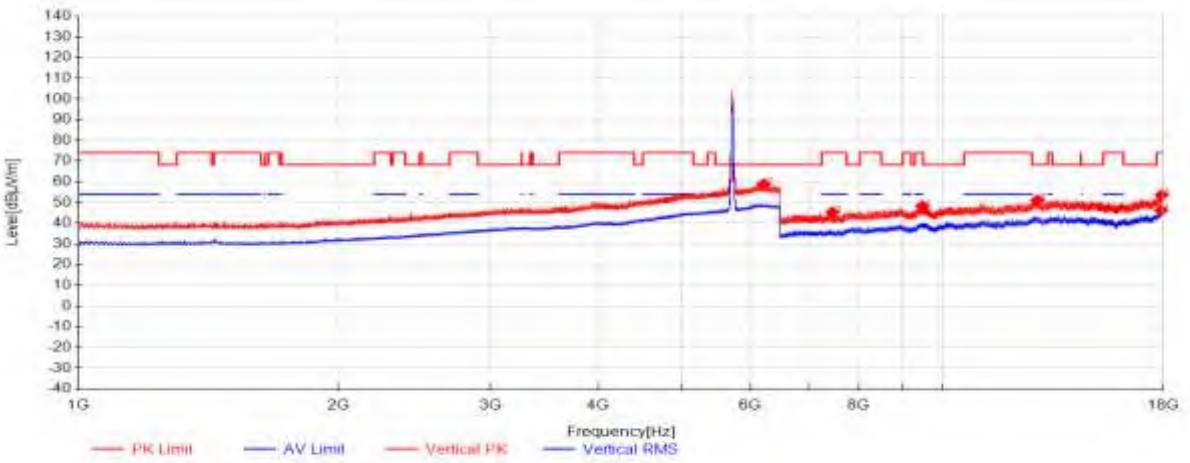
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17991.5667	34.94	41.68	-30.95	45.67	54.00	8.33	Vertical
2	6220.4167	40.67	34.94	-16.86	58.75	68.20	9.45	Vertical
3	6836.1833	52.18	36.04	-42.77	45.45	68.20	22.75	Vertical
4	8947.2	48.45	37.96	-39.46	46.96	68.20	21.24	Vertical
5	12952.2667	45.63	39.84	-34.95	50.53	68.20	17.67	Vertical
6	17976.6167	43.24	41.63	-30.98	53.90	74.00	20.10	Vertical

11ac(VHT20)_TX_CH_144_Horizontal



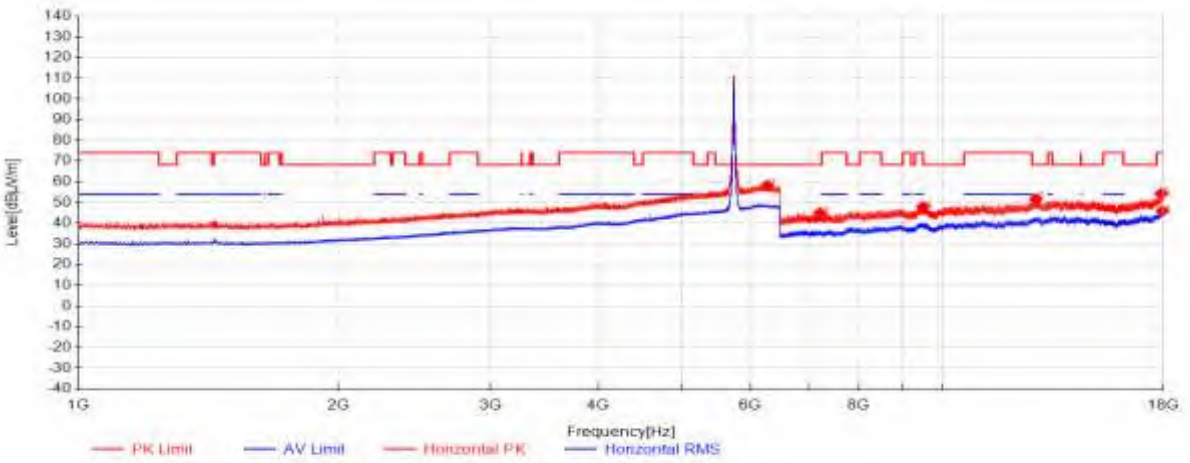
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.9333	36.02	41.62	-30.98	46.66	54.00	7.34	Horizontal
2	6248.375	40.60	35.00	-16.92	58.68	68.20	9.52	Horizontal
3	8401.3333	50.84	37.58	-40.77	47.65	74.00	26.35	Horizontal
4	11669.25	44.81	38.90	-35.51	48.20	74.00	25.80	Horizontal
5	14617.0833	45.56	40.03	-34.43	51.16	68.20	17.04	Horizontal
6	17974.3167	43.00	41.63	-30.98	53.64	74.00	20.36	Horizontal

11ac(VHT20)_TX_CH_144_Vertical



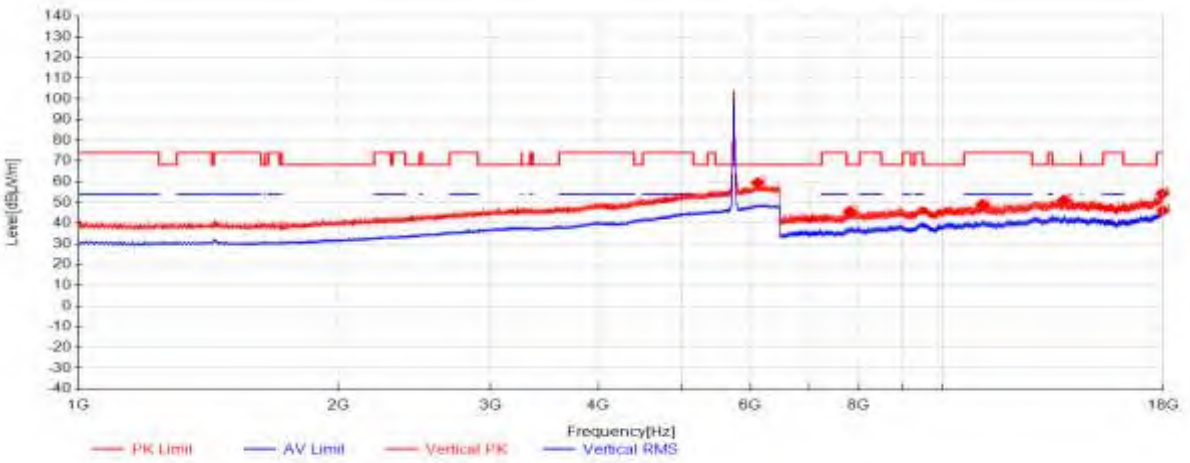
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17911.0667	35.90	41.44	-31.11	46.23	54.00	7.77	Vertical
2	6214.4583	40.84	34.93	-16.84	58.93	68.20	9.27	Vertical
3	7459.4833	51.08	36.30	-42.04	45.34	74.00	28.66	Vertical
4	9477.7333	48.71	38.05	-38.52	48.24	74.00	25.76	Vertical
5	12882.5	45.83	39.76	-34.52	51.07	68.20	17.13	Vertical
6	17933.3	43.11	41.51	-31.06	53.55	74.00	20.45	Vertical

11ac(VHT20)_TX_CH_149_Horizontal



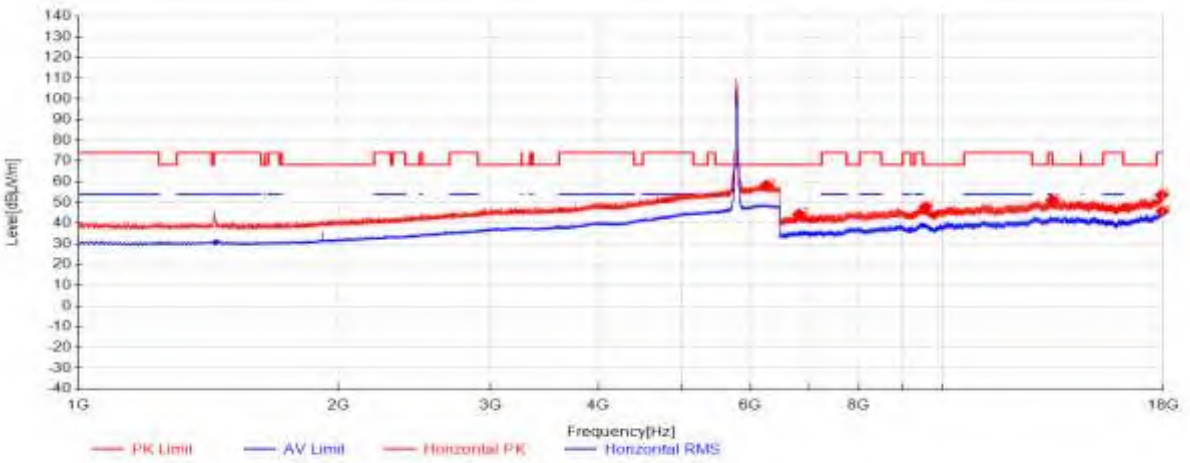
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17978.9167	35.26	41.64	-30.97	45.93	54.00	8.07	Horizontal
2	6272.2083	40.18	35.04	-16.98	58.25	68.20	9.95	Horizontal
3	7212.6167	50.67	36.30	-42.04	44.93	68.20	23.27	Horizontal
4	9497.6667	48.39	38.05	-38.49	47.95	74.00	26.05	Horizontal
5	12824.2333	46.73	39.69	-34.70	51.72	68.20	16.48	Horizontal
6	17916.8167	43.86	41.46	-31.10	54.22	74.00	19.78	Horizontal

11ac(VHT20)_TX_CH_149_Vertical



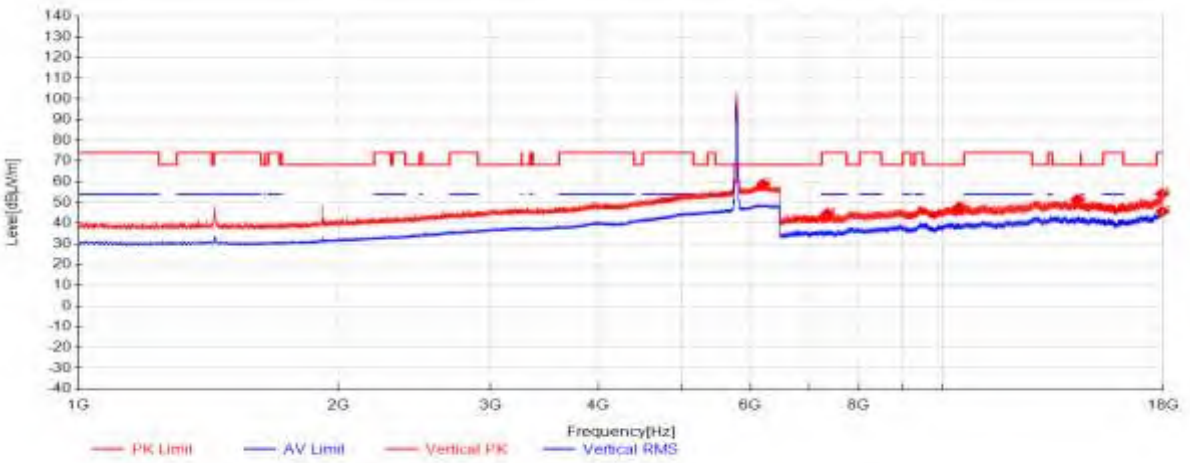
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17999.2333	35.32	41.70	-30.93	46.09	54.00	7.91	Vertical
2	6112.7083	41.46	34.73	-16.70	59.49	68.20	8.71	Vertical
3	7812.5333	49.81	36.93	-41.08	45.65	68.20	22.55	Vertical
4	11125.6833	45.33	39.22	-35.57	48.98	74.00	25.02	Vertical
5	13819.3667	45.69	40.31	-34.89	51.11	68.20	17.09	Vertical
6	17964.35	43.65	41.60	-31.00	54.25	74.00	19.75	Vertical

11ac(VHT20)_TX_CH_157_Horizontal



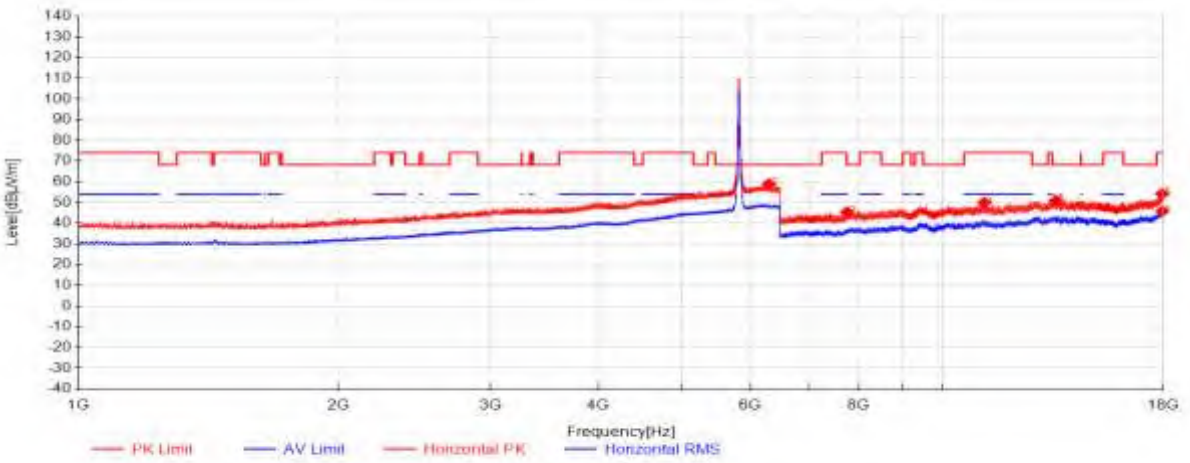
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17977.7667	35.15	41.64	-30.97	45.81	54.00	8.19	Horizontal
2	6259.375	40.23	35.02	-16.95	58.30	68.20	9.90	Horizontal
3	6829.6667	51.12	36.03	-42.78	44.36	68.20	23.84	Horizontal
4	9558.2333	48.09	38.06	-38.33	47.81	68.20	20.39	Horizontal
5	13397.7	45.49	40.10	-34.46	51.13	74.00	22.87	Horizontal
6	17941.35	43.10	41.53	-31.05	53.58	74.00	20.42	Horizontal

11ac(VHT20)_TX_CH_157_Vertical



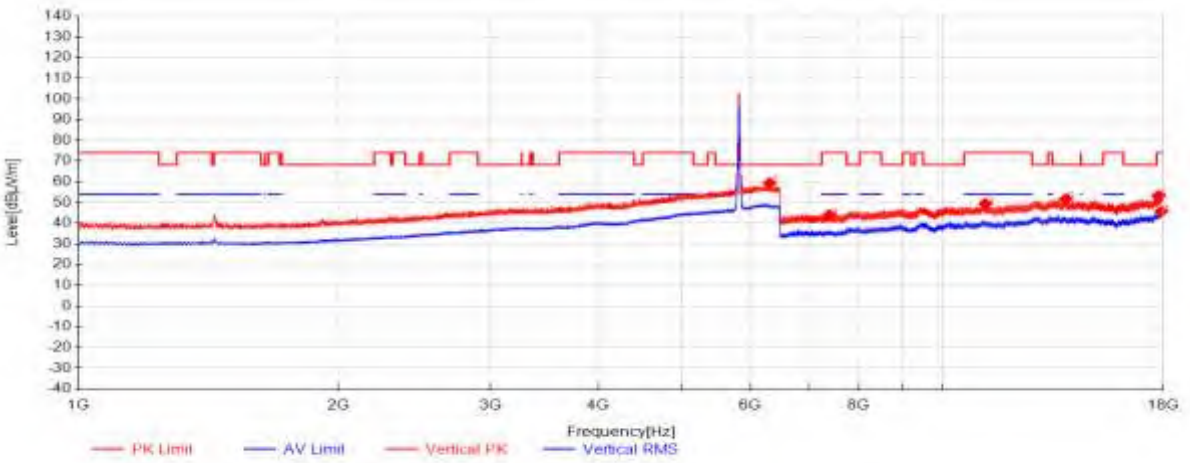
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17978.5333	35.01	41.64	-30.97	45.67	54.00	8.33	Vertical
2	6204.375	40.71	34.91	-16.82	58.80	68.20	9.40	Vertical
3	7360.9667	50.35	36.30	-42.07	44.58	74.00	29.42	Vertical
4	10460.2167	45.59	38.65	-36.50	47.74	68.20	20.46	Vertical
5	14326.1333	45.80	40.20	-34.65	51.35	68.20	16.85	Vertical
6	17953.6167	43.58	41.57	-31.02	54.12	74.00	19.88	Vertical

11ac(VHT20)_TX_CH_165_Horizontal



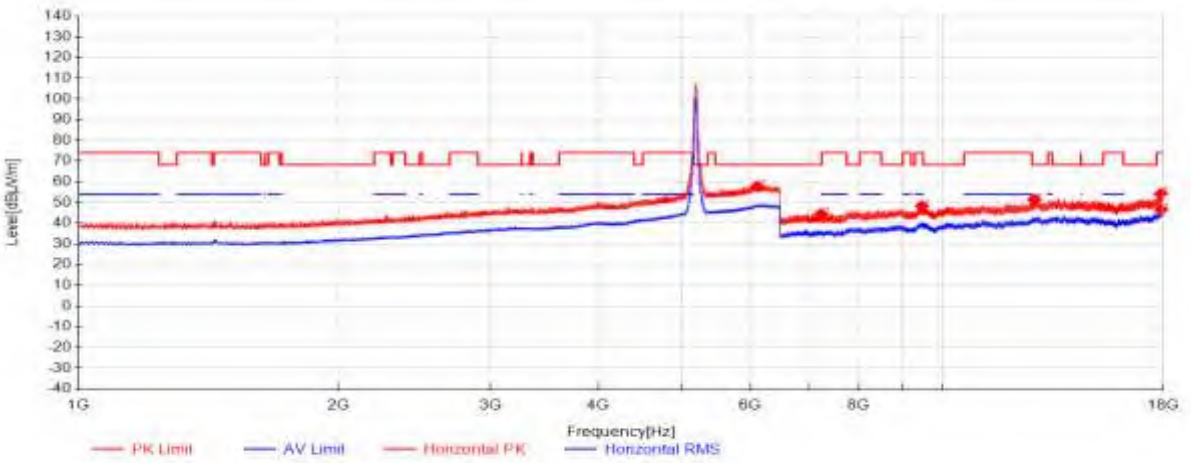
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17972.0167	35.24	41.62	-30.99	45.87	54.00	8.13	Horizontal
2	6296.5	40.92	35.09	-17.03	58.98	68.20	9.22	Horizontal
3	7752.7333	49.94	36.81	-41.35	45.40	68.20	22.80	Horizontal
4	11181.65	45.91	39.19	-35.19	49.91	74.00	24.09	Horizontal
5	13533.0167	45.64	40.17	-34.78	51.02	68.20	17.18	Horizontal
6	17957.45	43.60	41.58	-31.02	54.16	74.00	19.84	Horizontal

11ac(VHT20)_TX_CH_165_Vertical



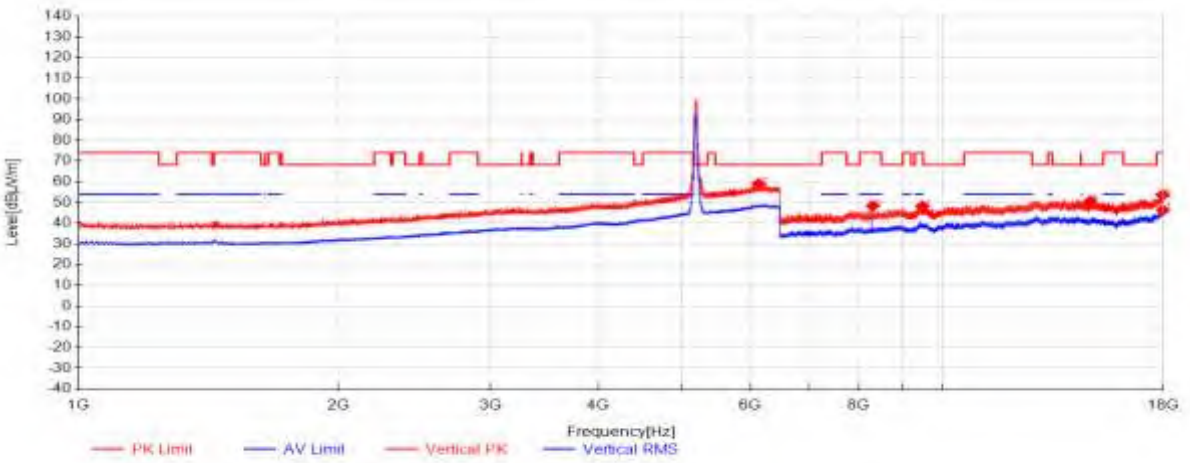
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17913.3667	35.29	41.45	-31.10	45.64	54.00	8.36	Vertical
2	6309.3333	41.23	35.12	-17.00	59.35	68.20	8.85	Vertical
3	7403.9	49.80	36.30	-42.03	44.07	74.00	29.93	Vertical
4	11207.7167	45.37	39.18	-35.13	49.41	74.00	24.59	Vertical
5	13890.6667	45.20	40.35	-33.93	51.62	68.20	16.58	Vertical
6	17781.8833	43.92	41.07	-31.77	53.21	74.00	20.79	Vertical

11ac(VHT40)_TX_CH_38_Horizontal



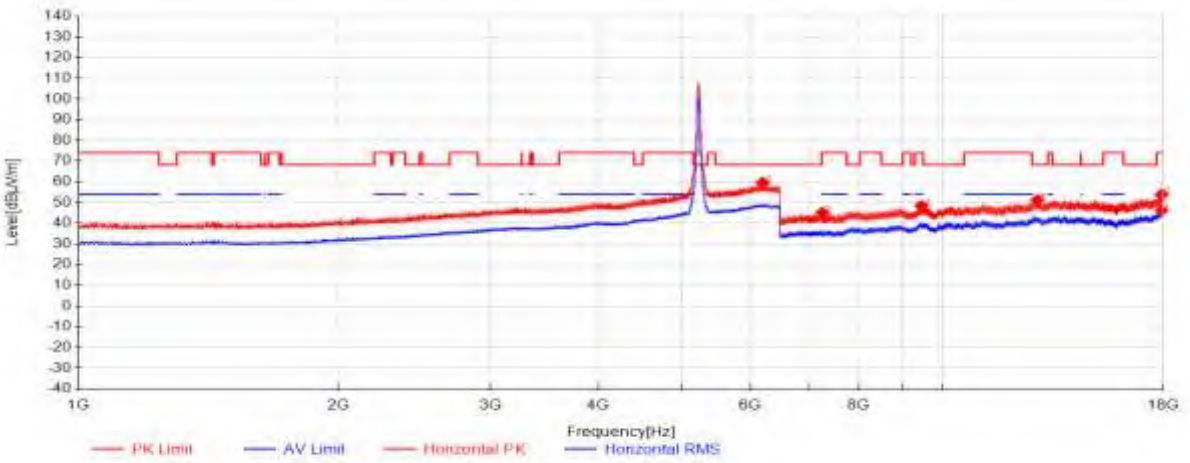
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17909.9167	36.23	41.44	-31.11	46.56	54.00	7.44	Horizontal
2	6102.625	39.76	34.71	-16.68	57.78	68.20	10.42	Horizontal
3	7234.85	50.26	36.30	-42.06	44.50	68.20	23.70	Horizontal
4	9462.7833	48.77	38.05	-38.54	48.28	74.00	25.72	Horizontal
5	12766.35	46.47	39.62	-34.66	51.43	68.20	16.77	Horizontal
6	17890.75	43.99	41.38	-31.20	54.17	74.00	19.83	Horizontal

11ac(VHT40)_TX_CH_38_Vertical



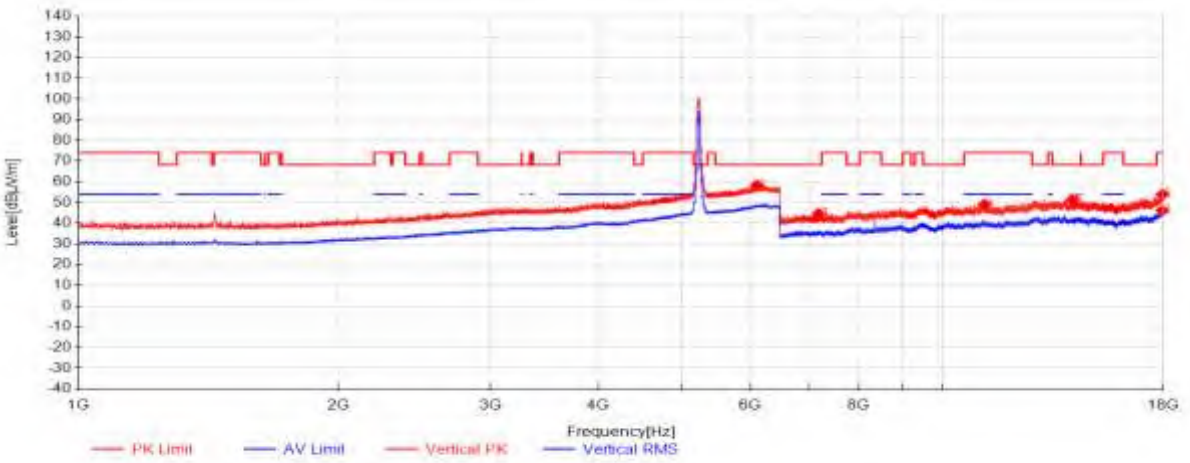
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17996.9333	35.61	41.69	-30.94	46.36	54.00	7.64	Vertical
2	6125.0833	40.96	34.75	-16.71	59.00	68.20	9.20	Vertical
3	8303.9667	51.45	37.51	-40.64	48.33	74.00	25.67	Vertical
4	9476.2	48.57	38.05	-38.52	48.10	74.00	25.90	Vertical
5	14830.6	44.70	39.90	-34.02	50.58	68.20	17.62	Vertical
6	17984.6667	42.91	41.66	-30.96	53.60	74.00	20.40	Vertical

11ac(VHT40)_TX_CH_46_Horizontal



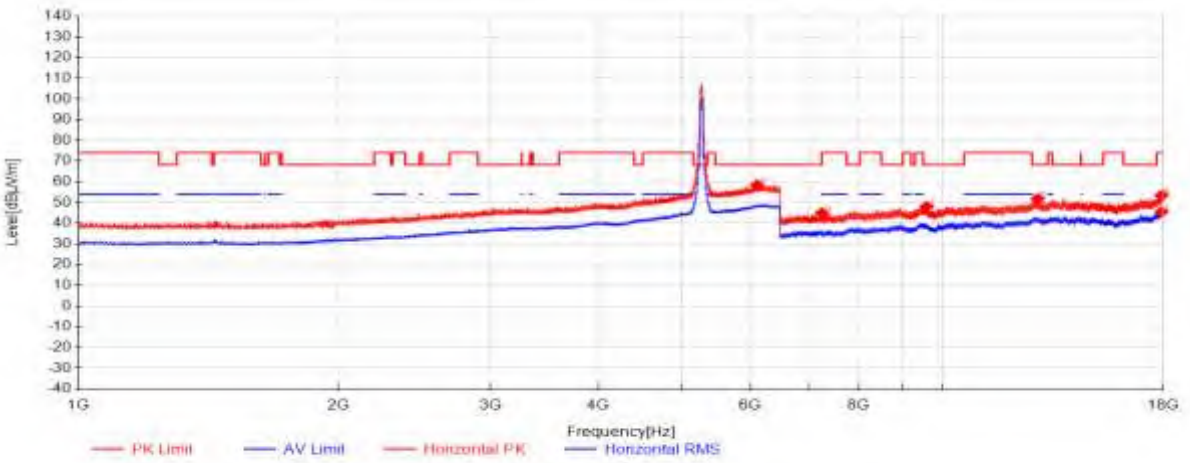
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17928.7	35.72	41.49	-31.07	46.14	54.00	7.86	Horizontal
2	6194.2917	41.56	34.89	-16.80	59.65	68.20	8.55	Horizontal
3	7261.6833	50.93	36.30	-42.09	45.14	74.00	28.86	Horizontal
4	9450.5167	48.96	38.05	-38.55	48.45	74.00	25.55	Horizontal
5	12875.9833	46.08	39.75	-34.54	51.29	68.20	16.91	Horizontal
6	17928.3167	43.34	41.49	-31.07	53.76	74.00	20.24	Horizontal

11ac(VHT40)_TX_CH_46_Vertical



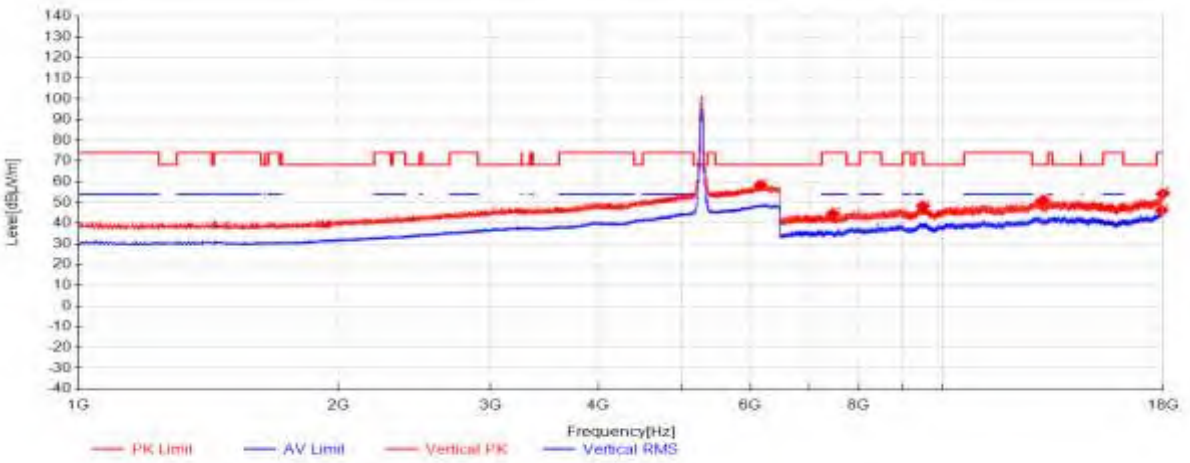
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17971.6333	35.44	41.62	-30.99	46.07	54.00	7.93	Vertical
2	6100.7917	40.20	34.70	-16.68	58.22	68.20	9.98	Vertical
3	7192.3	50.35	36.30	-42.06	44.59	68.20	23.61	Vertical
4	11192	44.99	39.18	-35.12	49.06	74.00	24.94	Vertical
5	14157.4667	46.30	40.31	-35.09	51.51	68.20	16.69	Vertical
6	17978.15	43.15	41.64	-30.97	53.81	74.00	20.19	Vertical

11ac(VHT40)_TX_CH_54_Horizontal



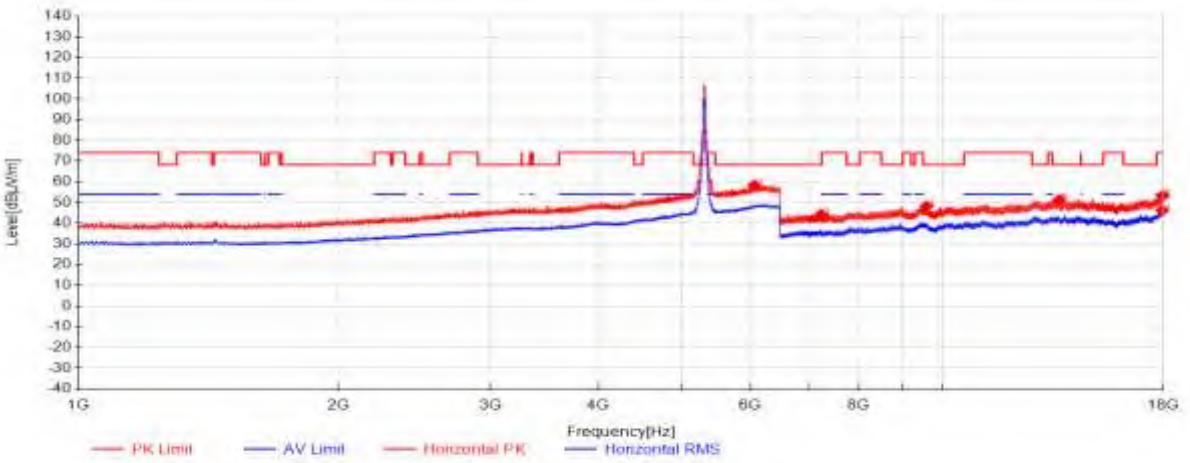
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17928.3167	35.05	41.49	-31.07	45.47	54.00	8.53	Horizontal
2	6100.3333	40.42	34.70	-16.68	58.44	68.20	9.76	Horizontal
3	7252.1	50.63	36.30	-42.08	44.85	74.00	29.15	Horizontal
4	9584.6833	48.19	38.06	-38.26	47.99	68.20	20.21	Horizontal
5	12884.8	46.51	39.76	-34.51	51.76	68.20	16.44	Horizontal
6	17930.2333	42.89	41.50	-31.07	53.32	74.00	20.68	Horizontal

11ac(VHT40)_TX_CH_54_Vertical



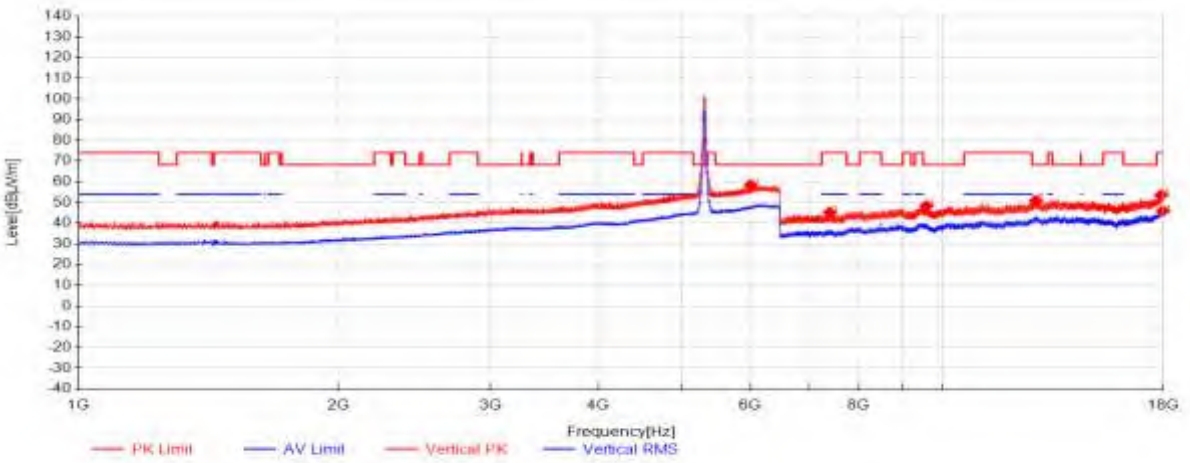
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17934.0667	35.72	41.51	-31.06	46.17	54.00	7.83	Vertical
2	6153.9583	40.36	34.81	-16.75	58.42	68.20	9.78	Vertical
3	7464.0833	50.33	36.30	-42.04	44.59	74.00	29.41	Vertical
4	9488.85	48.67	38.05	-38.50	48.21	74.00	25.79	Vertical
5	13064.9667	46.28	39.93	-35.15	51.06	68.20	17.14	Vertical
6	17988.5	43.55	41.67	-30.95	54.26	74.00	19.74	Vertical

11ac(VHT40)_TX_CH_62_Horizontal



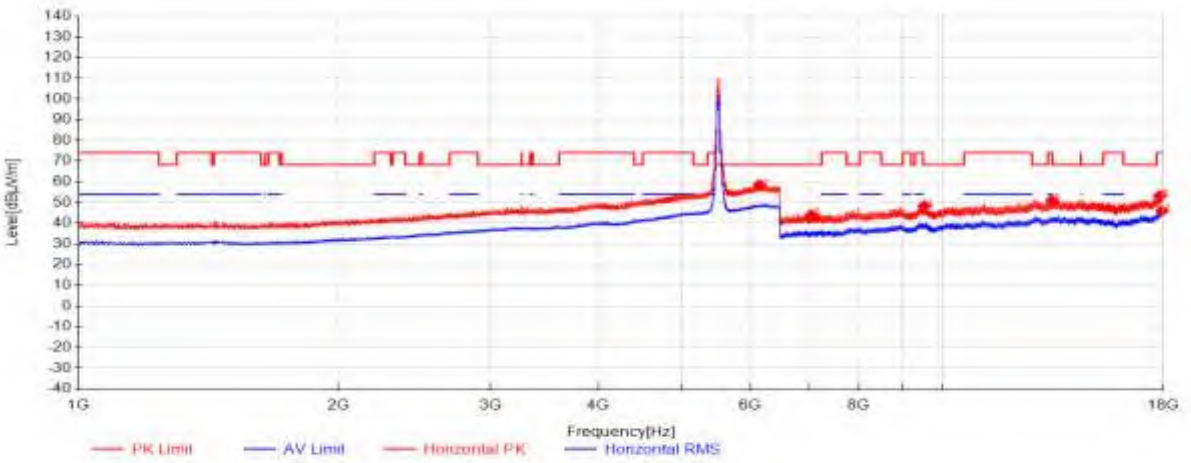
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17964.7333	35.65	41.60	-31.00	46.25	54.00	7.75	Horizontal
2	6061.375	40.53	34.62	-16.85	58.30	68.20	9.90	Horizontal
3	7240.9833	49.96	36.30	-42.07	44.19	68.20	24.01	Horizontal
4	9584.6833	48.38	38.06	-38.26	48.18	68.20	20.02	Horizontal
5	13649.9333	45.72	40.22	-34.70	51.25	68.20	16.95	Horizontal
6	17990.0333	42.54	41.67	-30.95	53.26	74.00	20.74	Horizontal

11ac(VHT40)_TX_CH_62_Vertical



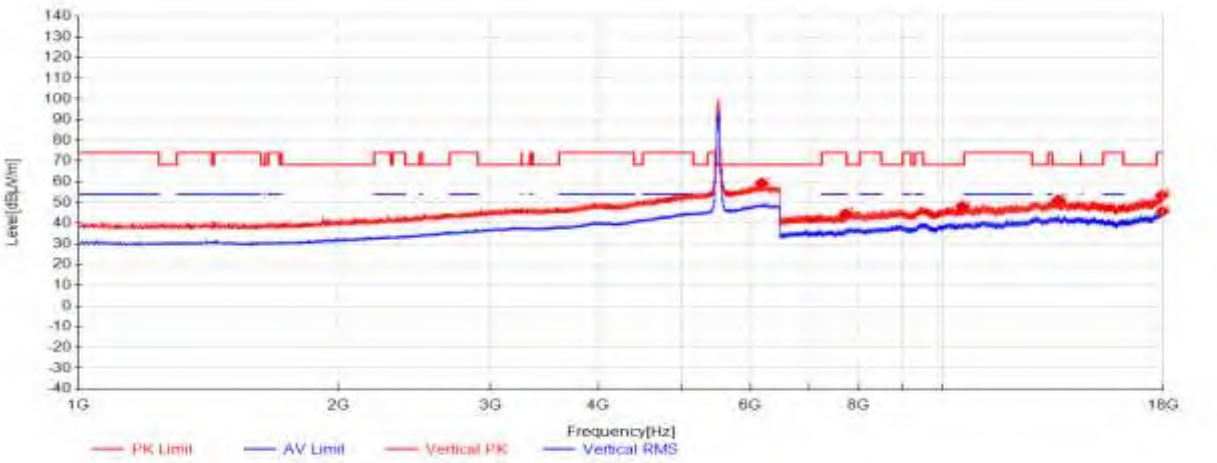
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17999.2333	35.16	41.70	-30.93	45.93	54.00	8.07	Vertical
2	5998.5833	41.03	34.50	-17.12	58.41	68.20	9.79	Vertical
3	7405.4333	50.92	36.30	-42.03	45.19	74.00	28.81	Vertical
4	9582.3833	48.51	38.06	-38.27	48.30	68.20	19.90	Vertical
5	12824.2333	45.83	39.69	-34.70	50.82	68.20	17.38	Vertical
6	17911.45	43.21	41.44	-31.11	53.55	74.00	20.45	Vertical

11ac(VHT40)_TX_CH_102_Horizontal



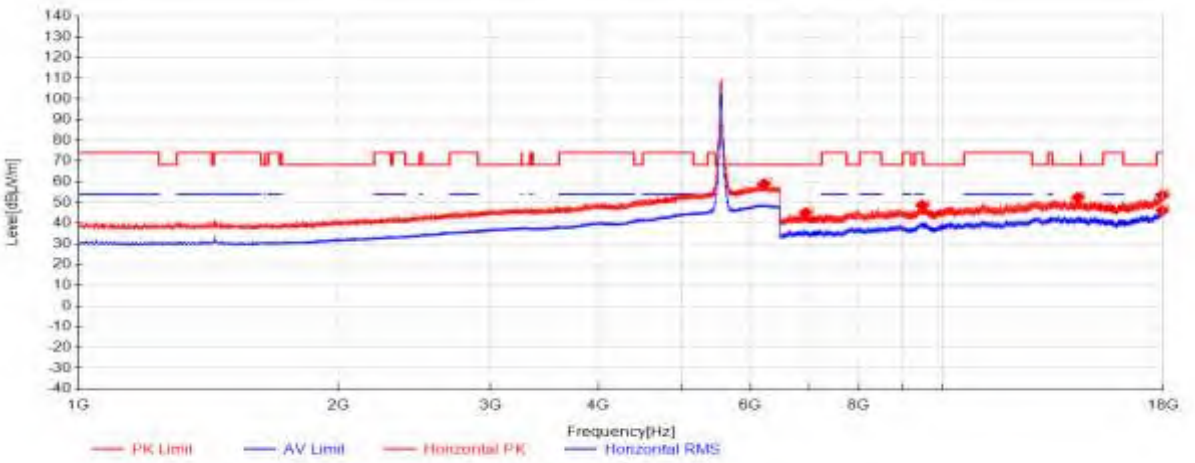
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17958.6	35.37	41.58	-31.01	45.94	54.00	8.06	Horizontal
2	6141.5833	40.45	34.78	-16.73	58.50	68.20	9.70	Horizontal
3	7055.45	50.24	36.30	-42.55	43.99	68.20	24.21	Horizontal
4	9527.5667	48.70	38.05	-38.42	48.34	68.20	19.86	Horizontal
5	13390.8	45.26	40.10	-34.47	50.88	74.00	23.12	Horizontal
6	17857.7833	43.47	41.29	-31.46	53.29	74.00	20.71	Horizontal

11ac(VHT40)_TX_CH_102_Vertical



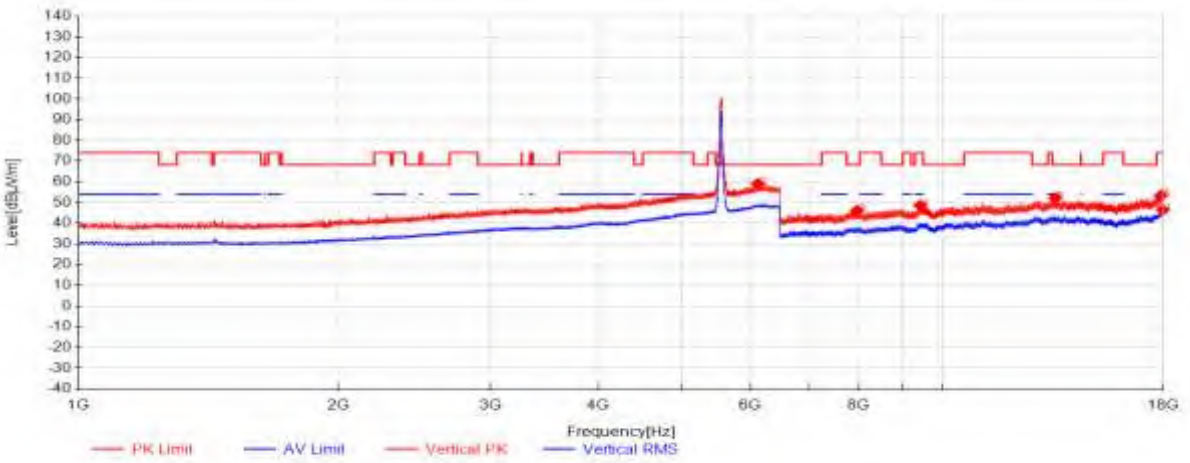
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17975.4667	35.04	41.63	-30.98	45.69	54.00	8.31	Vertical
2	6175.9583	41.24	34.85	-16.78	59.31	68.20	8.89	Vertical
3	7720.9167	49.34	36.74	-41.57	44.52	74.00	29.48	Vertical
4	10539.1833	45.88	38.75	-36.52	48.10	68.20	20.10	Vertical
5	13623.4833	45.24	40.21	-34.35	51.10	68.20	17.10	Vertical
6	17947.1	42.88	41.55	-31.04	53.39	74.00	20.61	Vertical

11ac(VHT40)_TX_CH_110_Horizontal



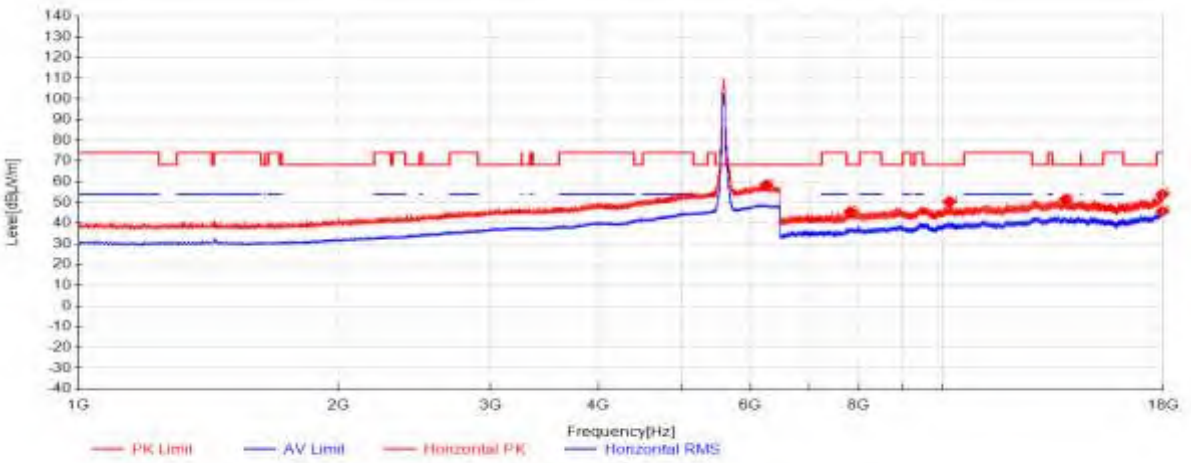
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17970.1	35.45	41.61	-30.99	46.07	54.00	7.93	Horizontal
2	6217.6667	40.91	34.94	-16.85	58.99	68.20	9.21	Horizontal
3	6945.8167	51.37	36.21	-42.63	44.95	68.20	23.25	Horizontal
4	9472.75	49.11	38.05	-38.53	48.63	74.00	25.37	Horizontal
5	14339.1667	46.70	40.20	-34.50	52.40	68.20	15.80	Horizontal
6	17974.7	42.81	41.63	-30.98	53.46	74.00	20.54	Horizontal

11ac(VHT40)_TX_CH_110_Vertical



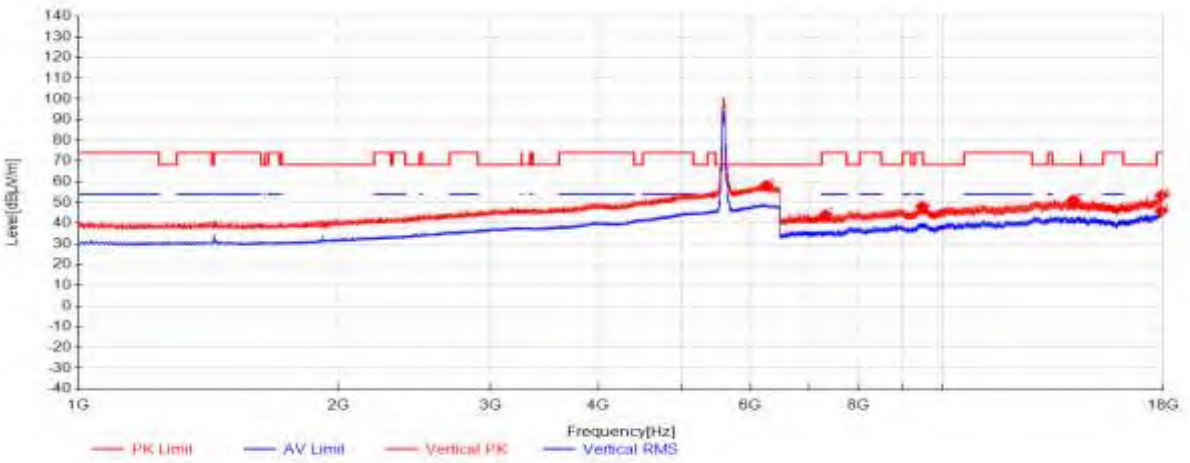
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17993.1	35.77	41.68	-30.94	46.51	54.00	7.49	Vertical
2	6115.4583	41.05	34.73	-16.70	59.08	68.20	9.12	Vertical
3	7966.6333	50.17	37.23	-41.29	46.12	68.20	22.08	Vertical
4	9425.6	49.15	38.04	-38.59	48.61	74.00	25.39	Vertical
5	13514.2333	47.06	40.16	-34.99	52.23	68.20	15.97	Vertical
6	17904.55	43.10	41.42	-31.12	53.40	74.00	20.60	Vertical

11ac(VHT40)_TX_CH_118_Horizontal



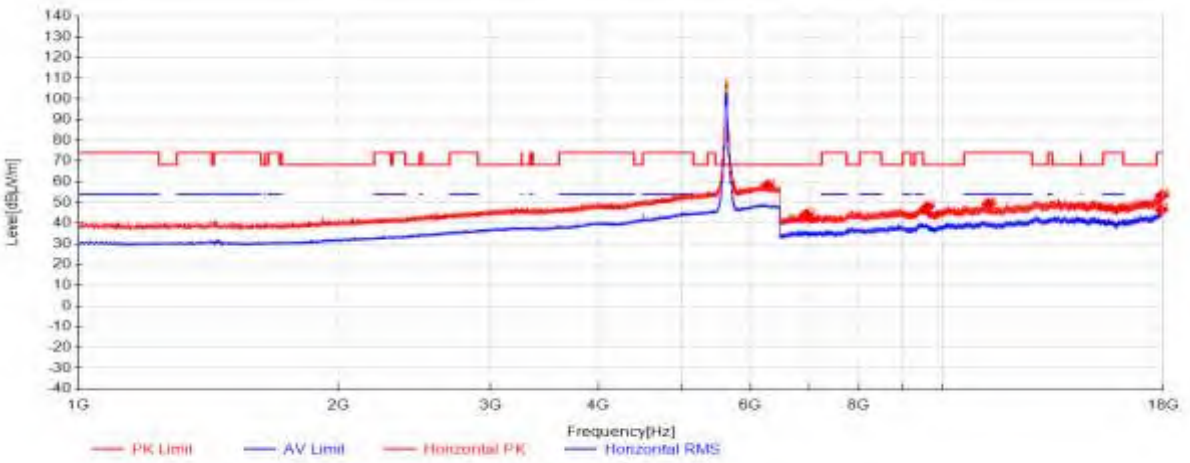
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17978.15	35.16	41.64	-30.97	45.82	54.00	8.18	Horizontal
2	6254.3333	40.43	35.01	-16.93	58.50	68.20	9.70	Horizontal
3	7820.5833	49.65	36.94	-41.12	45.47	68.20	22.73	Horizontal
4	10188.4333	48.40	38.33	-36.37	50.35	68.20	17.85	Horizontal
5	13876.8667	45.27	40.34	-34.11	51.50	68.20	16.70	Horizontal
6	17962.8167	43.29	41.59	-31.00	53.88	74.00	20.12	Horizontal

11ac(VHT40)_TX_CH_118_Vertical



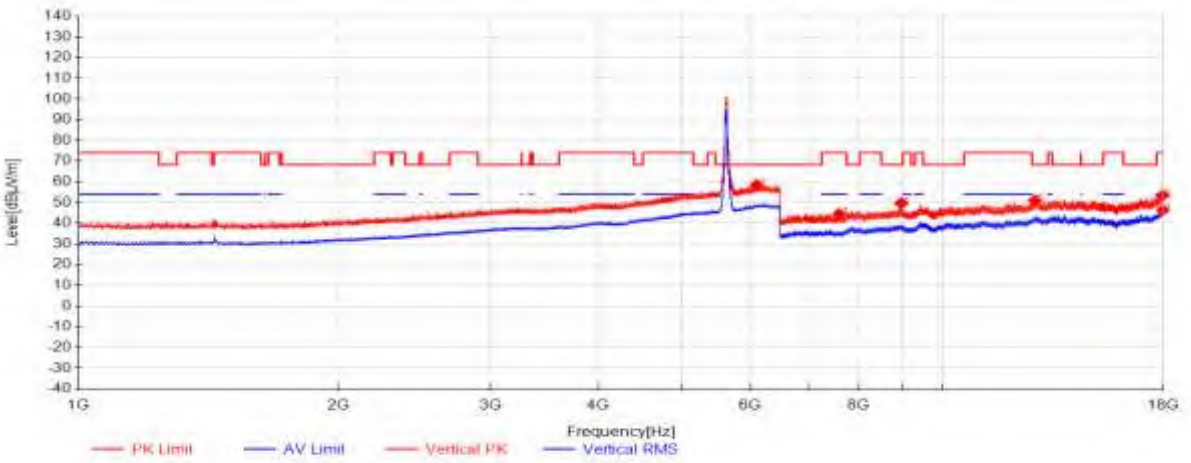
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17922.95	35.60	41.48	-31.08	45.99	54.00	8.01	Vertical
2	6255.7083	40.12	35.01	-16.94	58.19	68.20	10.01	Vertical
3	7318.4167	49.82	36.30	-42.12	44.00	74.00	30.00	Vertical
4	9468.5333	48.41	38.05	-38.53	47.93	74.00	26.07	Vertical
5	14163.6	45.90	40.30	-35.13	51.07	68.20	17.13	Vertical
6	17944.4167	42.98	41.54	-31.04	53.48	74.00	20.52	Vertical

11ac(VHT40)_TX_CH_126_Horizontal



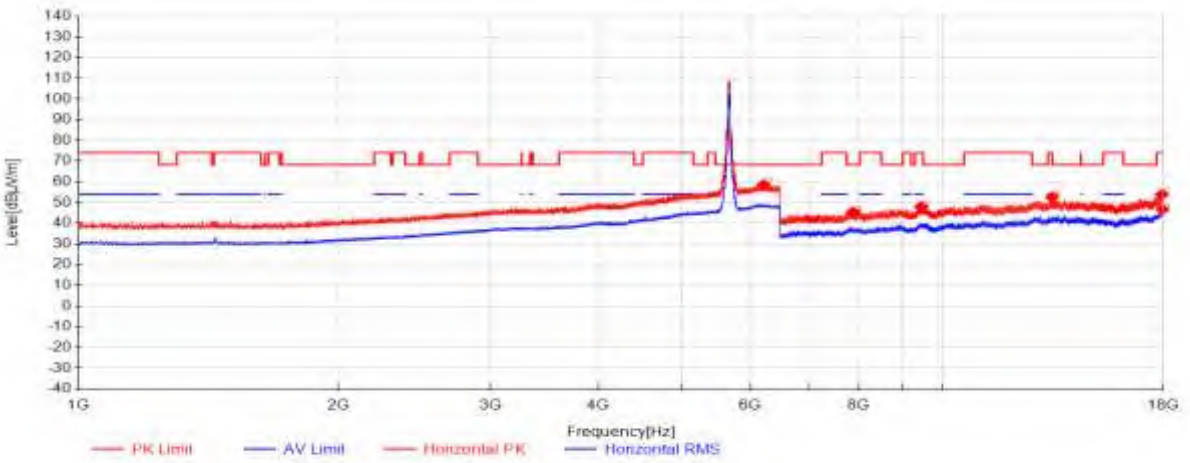
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17931.3833	36.08	41.50	-31.07	46.51	54.00	7.49	Horizontal
2	6275.4167	40.26	35.05	-16.98	58.33	68.20	9.87	Horizontal
3	6960.3833	50.67	36.24	-42.63	44.28	68.20	23.92	Horizontal
4	9611.5167	48.03	38.06	-38.15	47.94	68.20	20.26	Horizontal
5	11306.6167	46.33	39.12	-35.99	49.45	74.00	24.55	Horizontal
6	17949.0167	42.76	41.55	-31.03	53.28	74.00	20.72	Horizontal

11ac(VHT40)_TX_CH_126_Vertical



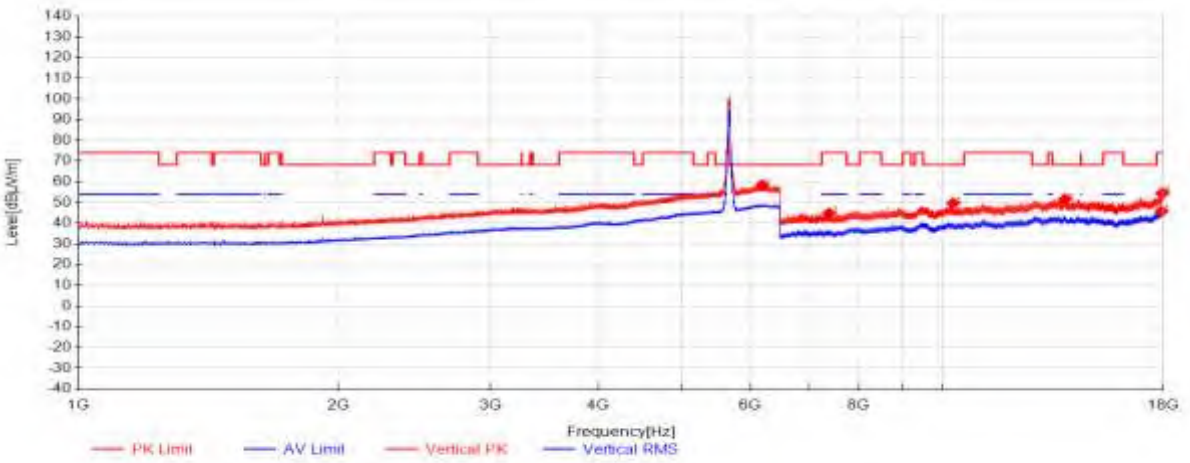
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17990.8	35.62	41.67	-30.95	46.34	54.00	7.66	Vertical
2	6098.0417	40.47	34.70	-16.69	58.48	68.20	9.72	Vertical
3	7596.7167	49.87	36.49	-41.81	44.56	74.00	29.44	Vertical
4	8960.2333	51.06	37.97	-39.41	49.63	68.20	18.57	Vertical
5	12788.5833	46.01	39.65	-34.74	50.92	68.20	17.28	Vertical
6	17983.9	42.71	41.65	-30.96	53.40	74.00	20.60	Vertical

11ac(VHT40)_TX_CH_134_Horizontal



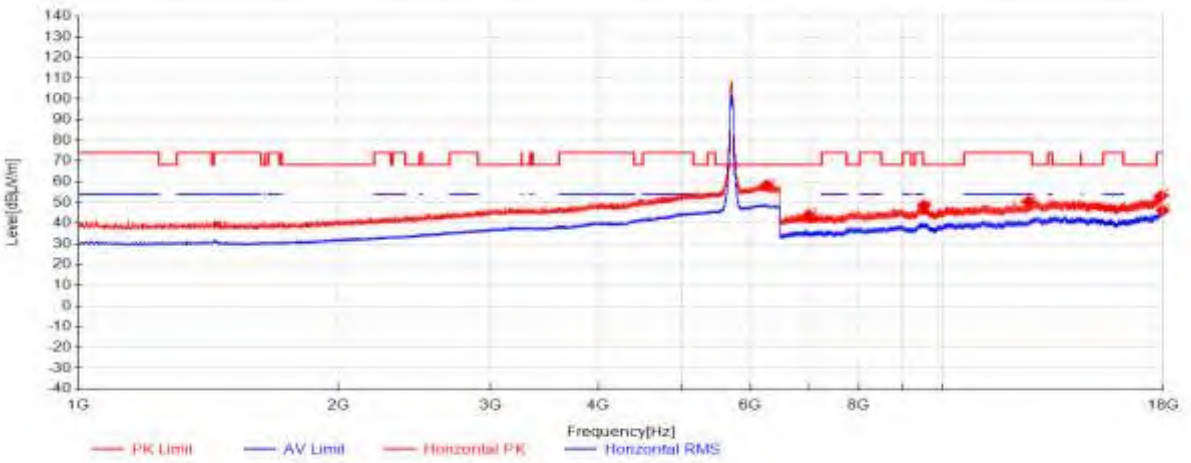
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17974.3167	36.00	41.63	-30.98	46.64	54.00	7.36	Horizontal
2	6208.5	40.45	34.92	-16.83	58.54	68.20	9.66	Horizontal
3	7879.2333	49.74	37.06	-41.40	45.40	68.20	22.80	Horizontal
4	9447.0667	48.46	38.04	-38.56	47.95	74.00	26.05	Horizontal
5	13396.9333	46.89	40.10	-34.46	52.52	74.00	21.48	Horizontal
6	17934.8333	43.25	41.51	-31.06	53.70	74.00	20.30	Horizontal

11ac(VHT40)_TX_CH_134_Vertical



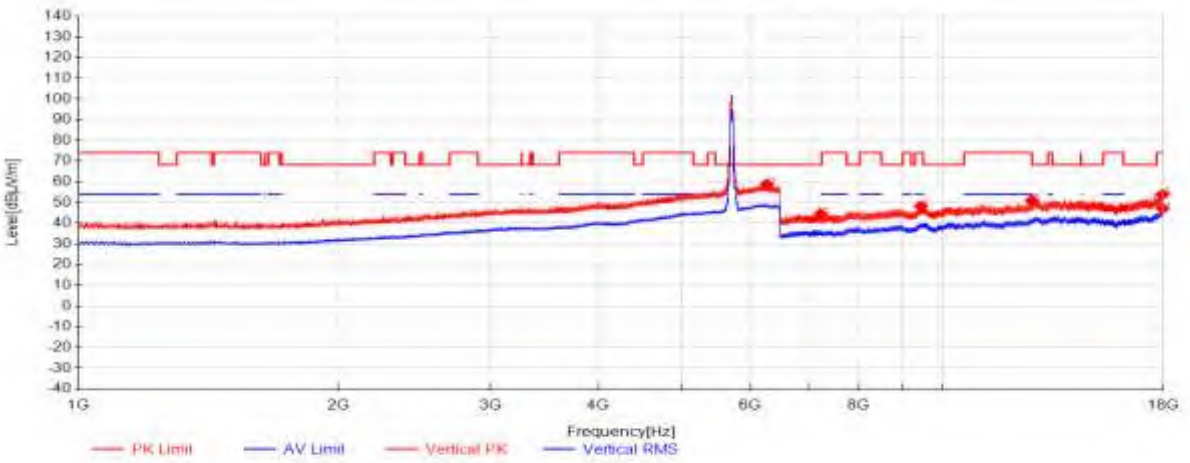
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17924.8667	35.32	41.48	-31.08	45.72	54.00	8.28	Vertical
2	6187.875	40.31	34.88	-16.79	58.39	68.20	9.81	Vertical
3	7392.0167	50.52	36.30	-42.04	44.78	74.00	29.22	Vertical
4	10289.25	48.27	38.45	-37.10	49.61	68.20	18.59	Vertical
5	13863.45	45.56	40.33	-34.29	51.60	68.20	16.60	Vertical
6	17977.7667	43.91	41.64	-30.97	54.57	74.00	19.43	Vertical

11ac(VHT40)_TX_CH_142_Horizontal



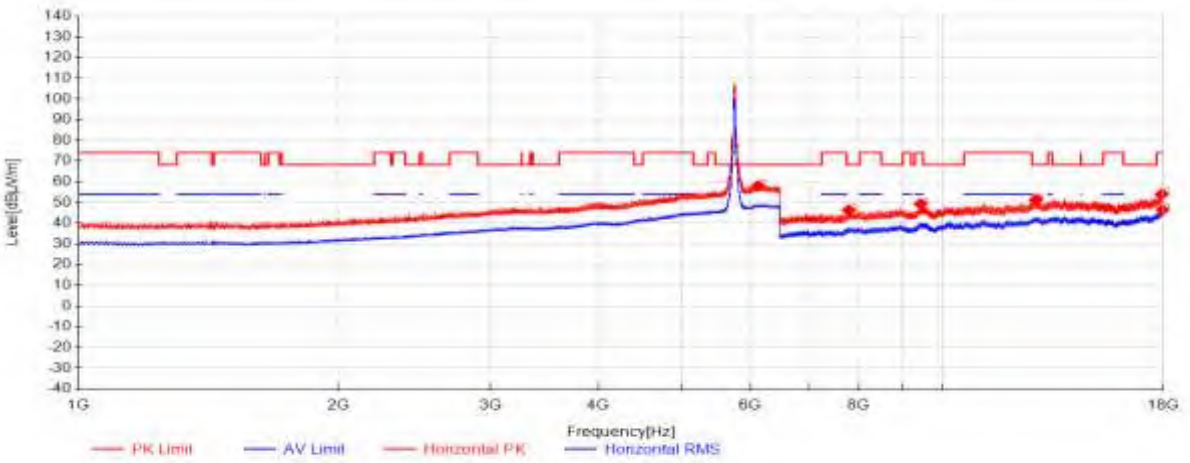
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17986.5833	35.50	41.66	-30.96	46.20	54.00	7.80	Horizontal
2	6260.75	40.30	35.02	-16.95	58.37	68.20	9.83	Horizontal
3	7004.4667	50.33	36.30	-42.62	44.01	68.20	24.19	Horizontal
4	9516.8333	49.00	38.05	-38.44	48.61	68.20	19.59	Horizontal
5	12569.3167	46.62	39.38	-35.57	50.43	74.00	23.57	Horizontal
6	17896.8833	42.90	41.40	-31.15	53.15	74.00	20.85	Horizontal

11ac(VHT40)_TX_CH_142_Vertical



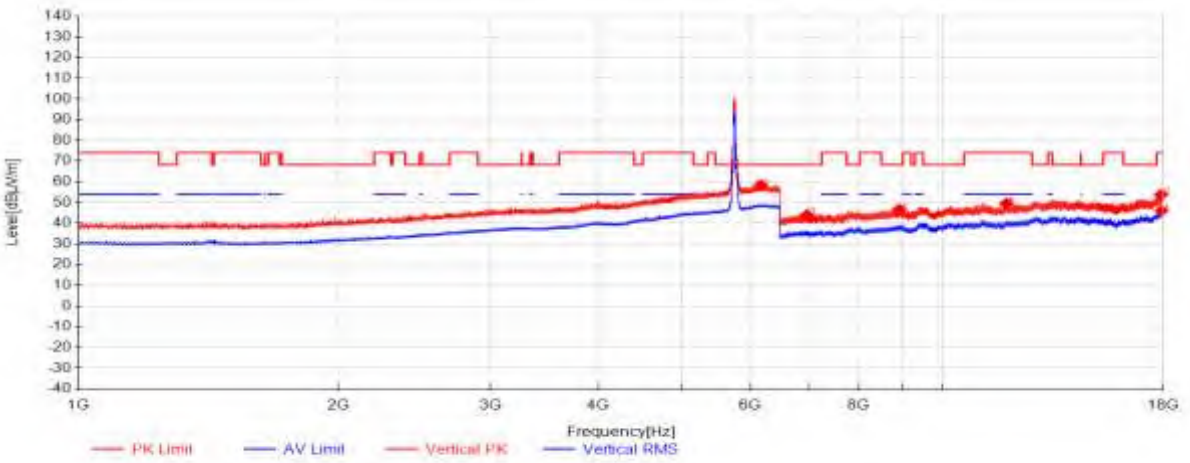
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17981.6	36.38	41.65	-30.97	47.06	54.00	6.94	Vertical
2	6260.75	40.75	35.02	-16.95	58.82	68.20	9.38	Vertical
3	7223.35	50.30	36.30	-42.05	44.55	68.20	23.65	Vertical
4	9439.4	48.71	38.04	-38.57	48.19	74.00	25.81	Vertical
5	12690.0667	46.06	39.53	-34.55	51.04	74.00	22.96	Vertical
6	17970.1	43.20	41.61	-30.99	53.82	74.00	20.18	Vertical

11ac(VHT40)_TX_CH_151_Horizontal



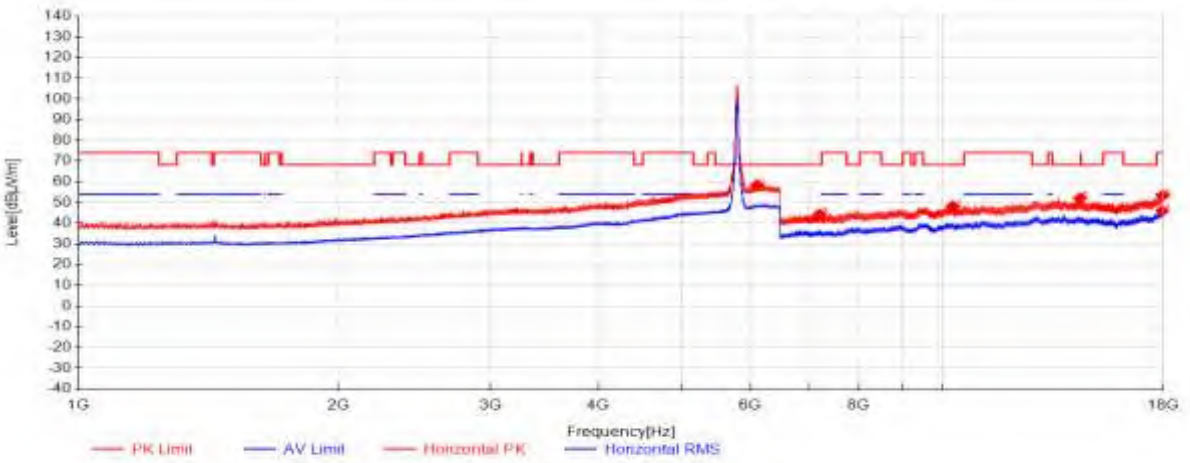
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17981.2167	35.83	41.65	-30.97	46.51	54.00	7.49	Horizontal
2	6117.2917	39.95	34.73	-16.70	57.98	68.20	10.22	Horizontal
3	7788.7667	50.52	36.88	-41.10	46.30	68.20	21.90	Horizontal
4	9436.3333	49.84	38.04	-38.57	49.31	74.00	24.69	Horizontal
5	12835.35	46.42	39.70	-34.67	51.46	68.20	16.74	Horizontal
6	17933.3	43.47	41.51	-31.06	53.91	74.00	20.09	Horizontal

11ac(VHT40)_TX_CH_151_Vertical



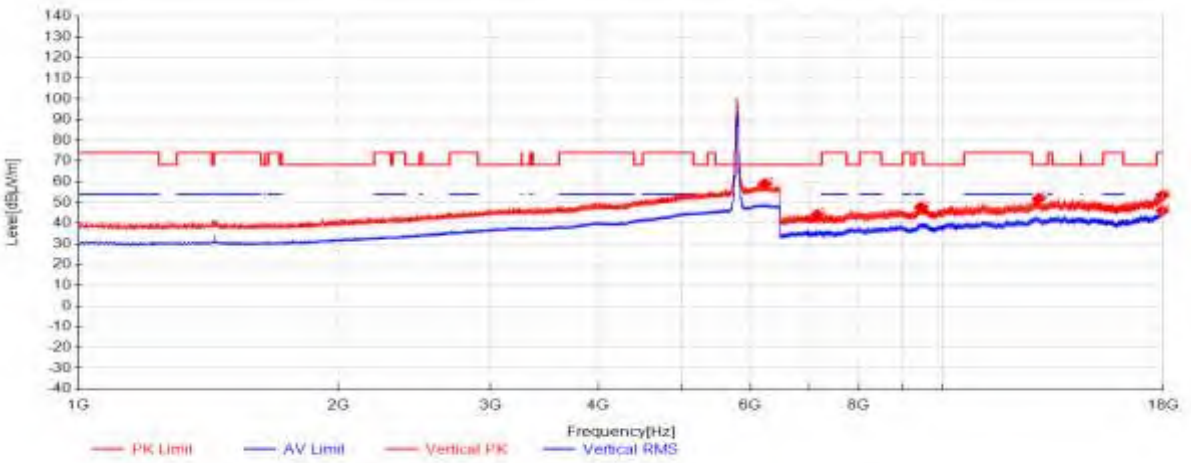
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17929.0833	35.62	41.49	-31.07	46.04	54.00	7.96	Vertical
2	6160.8333	40.44	34.82	-16.76	58.50	68.20	9.70	Vertical
3	6968.8167	50.32	36.25	-42.63	43.94	68.20	24.26	Vertical
4	8911.9333	48.31	37.94	-39.59	46.65	68.20	21.55	Vertical
5	11854.4	45.94	38.79	-35.14	49.58	74.00	24.42	Vertical
6	17903.0167	43.42	41.42	-31.12	53.71	74.00	20.29	Vertical

11ac(VHT40)_TX_CH_159_Horizontal



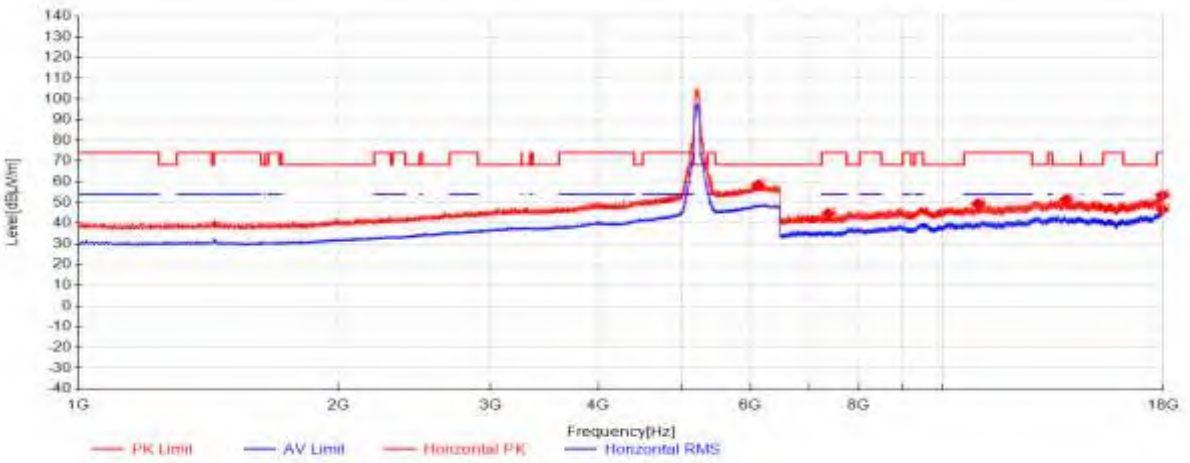
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17971.6333	35.33	41.62	-30.99	45.96	54.00	8.04	Horizontal
2	6101.7083	40.39	34.70	-16.68	58.41	68.20	9.79	Horizontal
3	7208.0167	50.09	36.30	-42.03	44.36	68.20	23.84	Horizontal
4	10273.9167	46.73	38.43	-36.95	48.20	68.20	20.00	Horizontal
5	14425.0333	45.92	40.14	-34.03	52.04	68.20	16.16	Horizontal
6	17987.7333	42.65	41.66	-30.95	53.36	74.00	20.64	Horizontal

11ac(VHT40)_TX_CH_159_Vertical



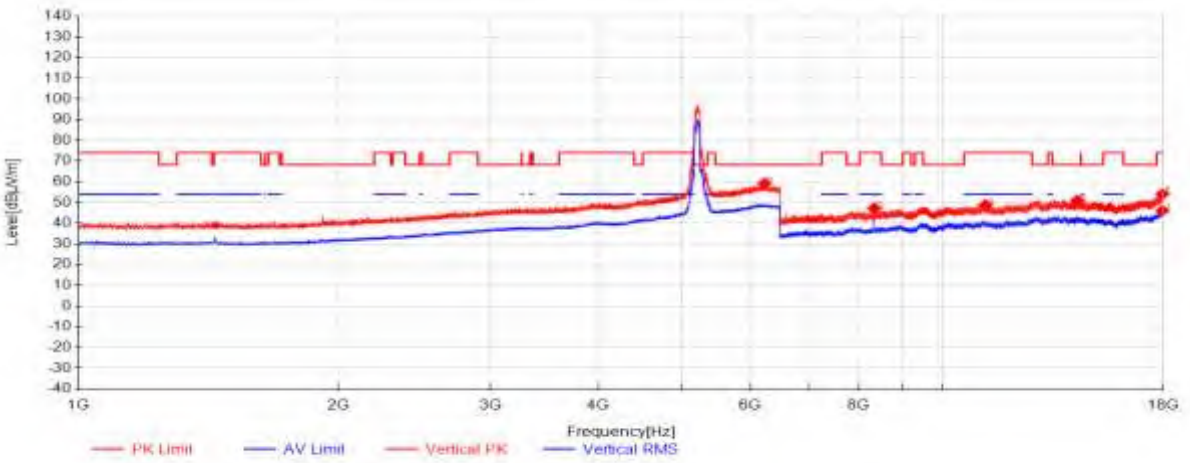
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17976.6167	35.39	41.63	-30.98	46.05	54.00	7.95	Vertical
2	6231.4167	41.00	34.96	-16.88	59.08	68.20	9.12	Vertical
3	7161.6333	49.95	36.30	-42.20	44.05	68.20	24.15	Vertical
4	9443.2333	48.23	38.04	-38.56	47.71	74.00	26.29	Vertical
5	12928.8833	46.81	39.81	-34.73	51.90	68.20	16.30	Vertical
6	17976.2333	42.67	41.63	-30.98	53.32	74.00	20.68	Vertical

11ac(VHT80)_TX_CH_42_Horizontal



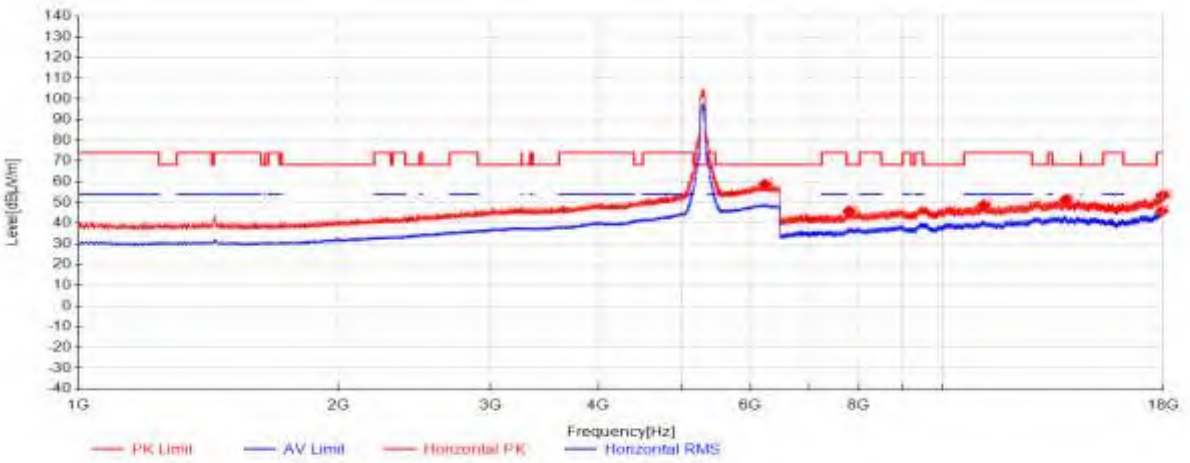
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.55	36.03	41.62	-30.98	46.67	54.00	7.33	Horizontal
2	6120.0417	40.43	34.74	-16.71	58.46	68.20	9.74	Horizontal
3	7376.6833	50.44	36.30	-42.06	44.68	74.00	29.32	Horizontal
4	10990.3667	46.12	39.29	-36.01	49.40	74.00	24.60	Horizontal
5	13892.2	44.90	40.35	-33.91	51.34	68.20	16.86	Horizontal
6	17973.55	42.69	41.62	-30.98	53.33	74.00	20.67	Horizontal

11ac(VHT80)_TX_CH_42_Vertical



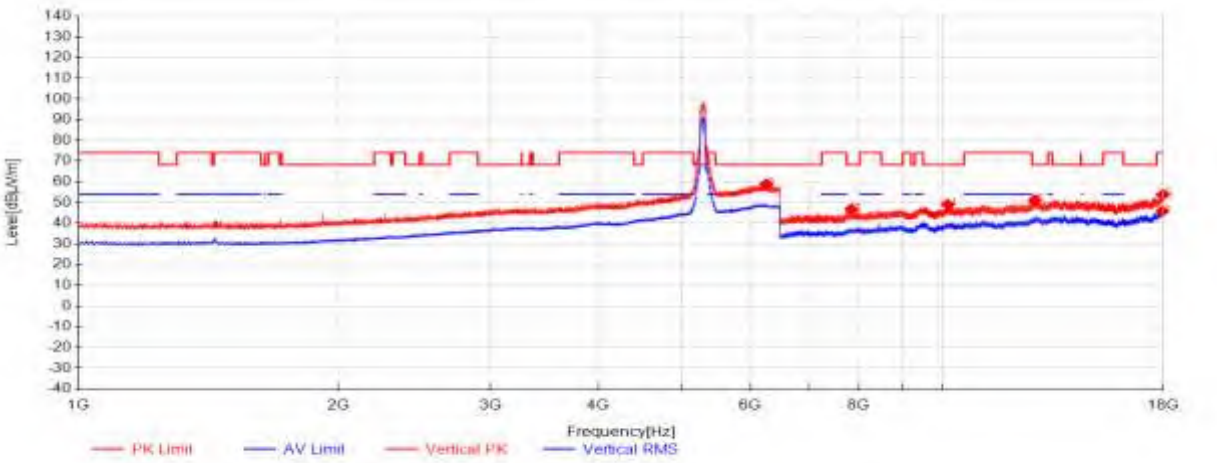
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17971.6333	35.46	41.62	-30.99	46.09	54.00	7.91	Vertical
2	6223.625	41.17	34.95	-16.86	59.25	68.20	8.95	Vertical
3	8336.1667	50.37	37.54	-40.68	47.22	74.00	26.78	Vertical
4	11213.85	44.90	39.17	-35.19	48.88	74.00	25.12	Vertical
5	14325.75	45.43	40.20	-34.66	50.98	68.20	17.22	Vertical
6	17970.8667	43.47	41.62	-30.99	54.10	74.00	19.90	Vertical

11ac(VHT80)_TX_CH_58_Horizontal



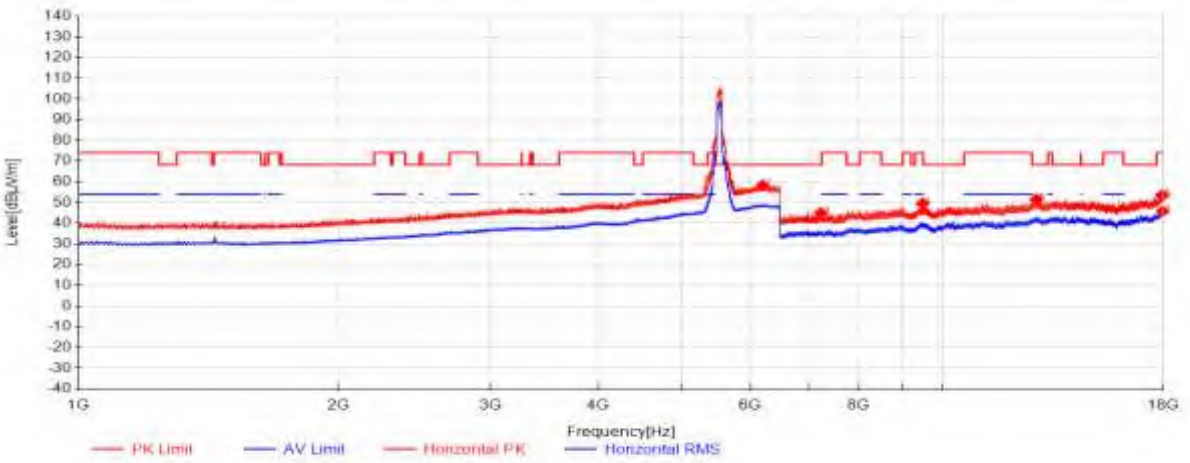
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17938.2833	35.29	41.52	-31.05	45.76	54.00	8.24	Horizontal
2	6229.125	40.68	34.96	-16.88	58.76	68.20	9.44	Horizontal
3	7797.5833	49.92	36.90	-41.04	45.78	68.20	22.42	Horizontal
4	11159.4167	44.84	39.20	-35.34	48.70	74.00	25.30	Horizontal
5	13887.6	44.92	40.34	-33.97	51.30	68.20	16.90	Horizontal
6	17996.55	42.67	41.69	-30.94	53.42	74.00	20.58	Horizontal

11ac(VHT80)_TX_CH_58_Vertical



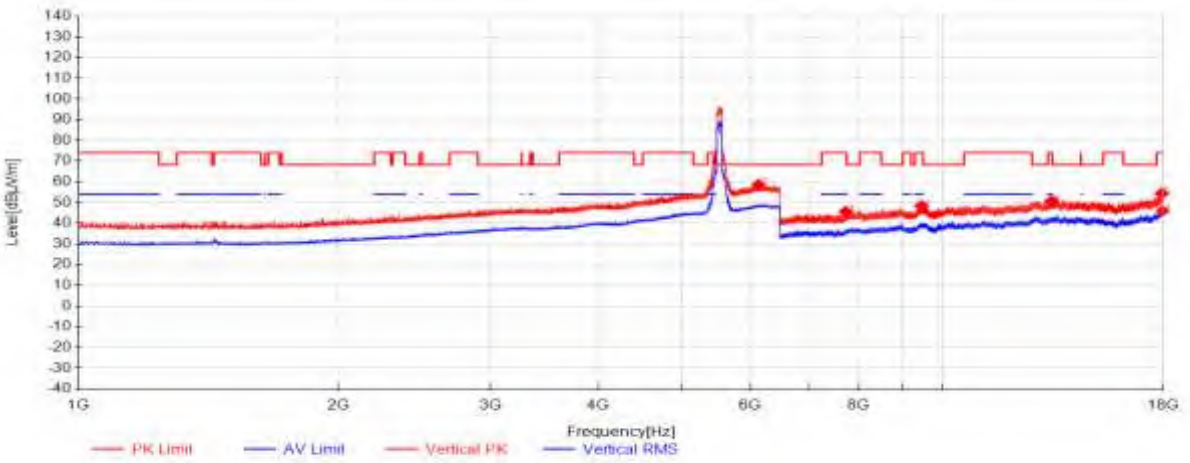
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17971.6333	35.23	41.62	-30.99	45.86	54.00	8.14	Vertical
2	6255.7083	40.80	35.01	-16.94	58.87	68.20	9.33	Vertical
3	7848.1833	50.99	37.00	-41.25	46.74	68.20	21.46	Vertical
4	10135.9167	47.80	38.26	-37.03	49.03	68.20	19.17	Vertical
5	12789.35	46.21	39.65	-34.74	51.11	68.20	17.09	Vertical
6	18000	42.98	41.70	-30.93	53.75	74.00	20.25	Vertical

11ac(VHT80)_TX_CH_106_Horizontal



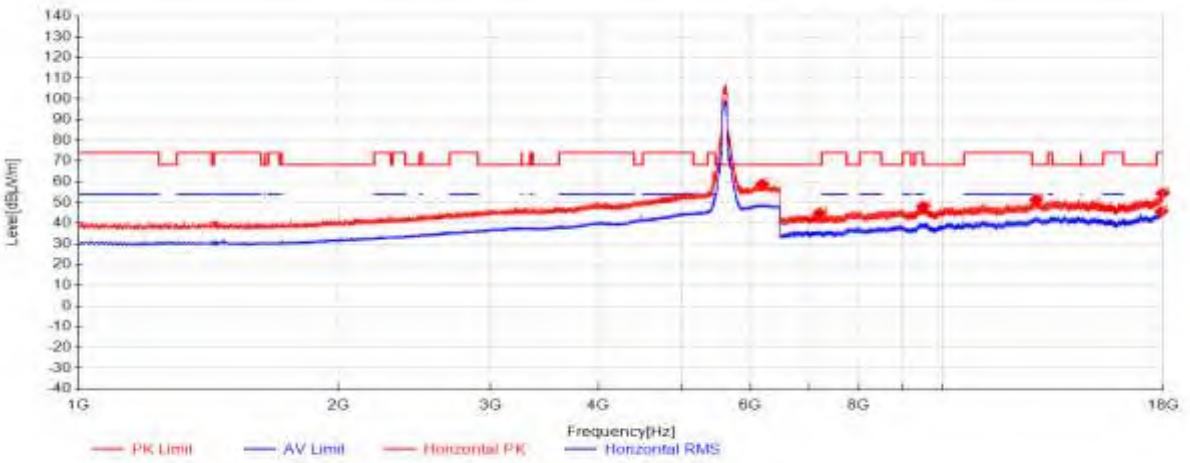
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17986.5833	35.04	41.66	-30.96	45.74	54.00	8.26	Horizontal
2	6192.9167	40.18	34.89	-16.80	58.27	68.20	9.93	Horizontal
3	7230.6333	50.73	36.30	-42.06	44.97	68.20	23.23	Horizontal
4	9486.1667	50.01	38.05	-38.51	49.55	74.00	24.45	Horizontal
5	12848	46.49	39.72	-34.63	51.58	68.20	16.62	Horizontal
6	17965.8833	42.94	41.60	-31.00	53.54	74.00	20.46	Horizontal

11ac(VHT80)_TX_CH_106_Vertical



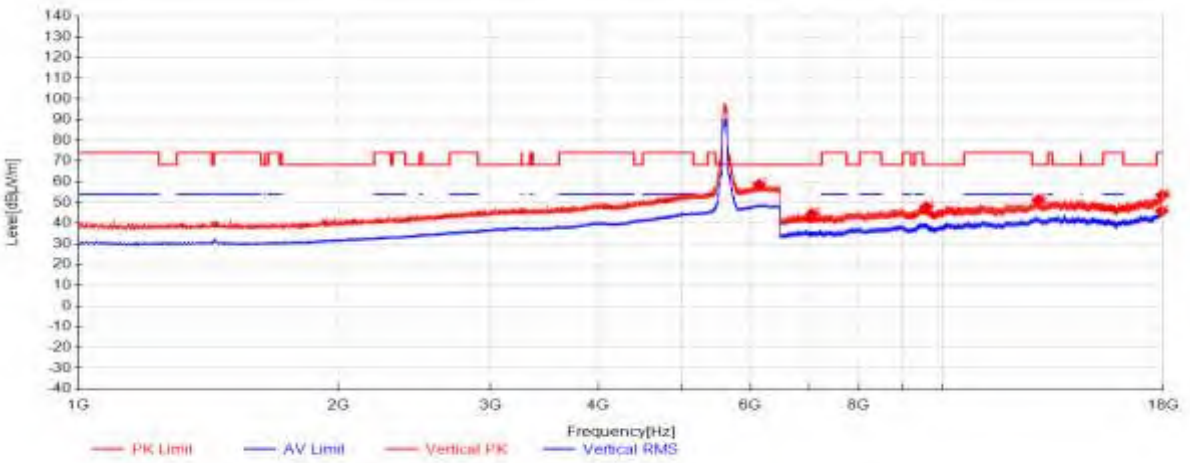
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17978.5333	35.28	41.64	-30.97	45.94	54.00	8.06	Vertical
2	6128.2917	40.56	34.76	-16.72	58.60	68.20	9.60	Vertical
3	7729.7333	50.33	36.76	-41.50	45.58	74.00	28.42	Vertical
4	9452.4333	48.86	38.05	-38.55	48.35	74.00	25.65	Vertical
5	13371.25	45.14	40.09	-34.50	50.72	74.00	23.28	Vertical
6	17935.6	43.85	41.51	-31.06	54.30	74.00	19.70	Vertical

11ac(VHT80)_TX_CH_122_Horizontal



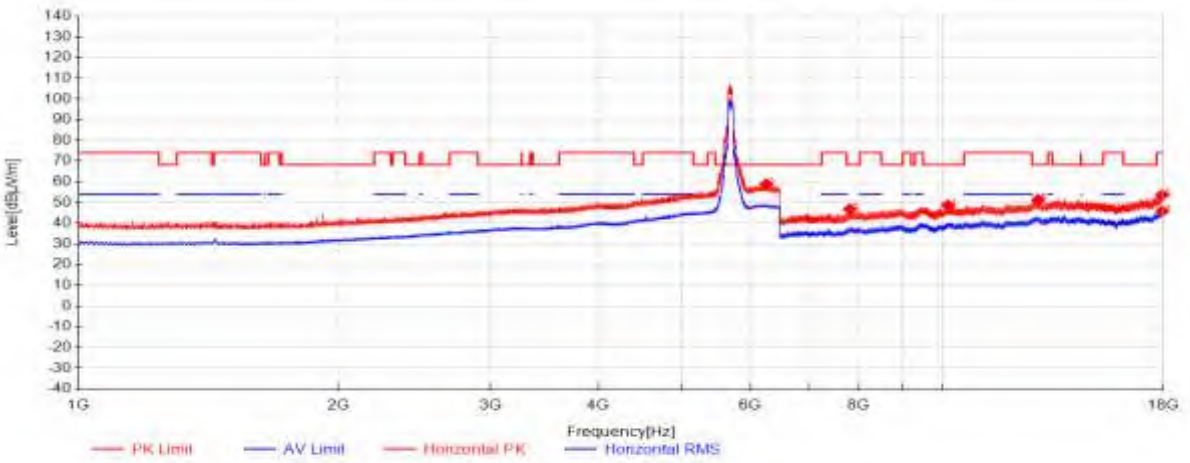
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17919.5	35.30	41.47	-31.09	45.68	54.00	8.32	Horizontal
2	6184.2083	40.83	34.87	-16.79	58.91	68.20	9.29	Horizontal
3	7204.5667	50.55	36.30	-42.03	44.82	68.20	23.38	Horizontal
4	9503.0333	48.55	38.05	-38.48	48.12	68.20	20.08	Horizontal
5	12836.5	46.41	39.70	-34.66	51.45	68.20	16.75	Horizontal
6	17975.85	43.81	41.63	-30.98	54.46	74.00	19.54	Horizontal

11ac(VHT80)_TX_CH_122_Vertical



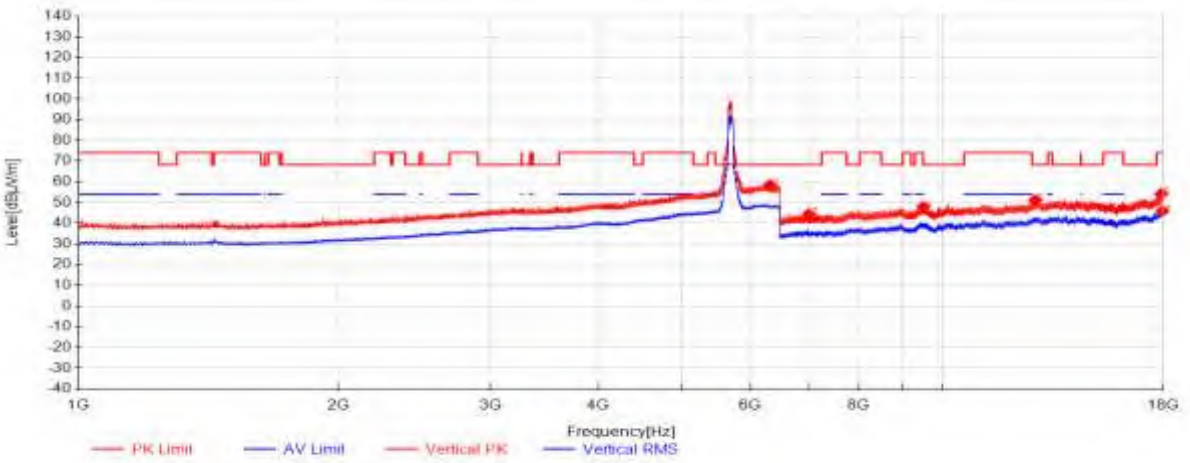
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17937.9	35.32	41.52	-31.05	45.79	54.00	8.21	Vertical
2	6136.0833	40.62	34.77	-16.73	58.67	68.20	9.53	Vertical
3	7063.8833	50.78	36.30	-42.53	44.55	68.20	23.65	Vertical
4	9574.7167	48.05	38.06	-38.29	47.82	68.20	20.38	Vertical
5	12915.4667	46.08	39.80	-34.60	51.27	68.20	16.93	Vertical
6	17975.85	42.91	41.63	-30.98	53.56	74.00	20.44	Vertical

11ac(VHT80)_TX_CH_138_Horizontal



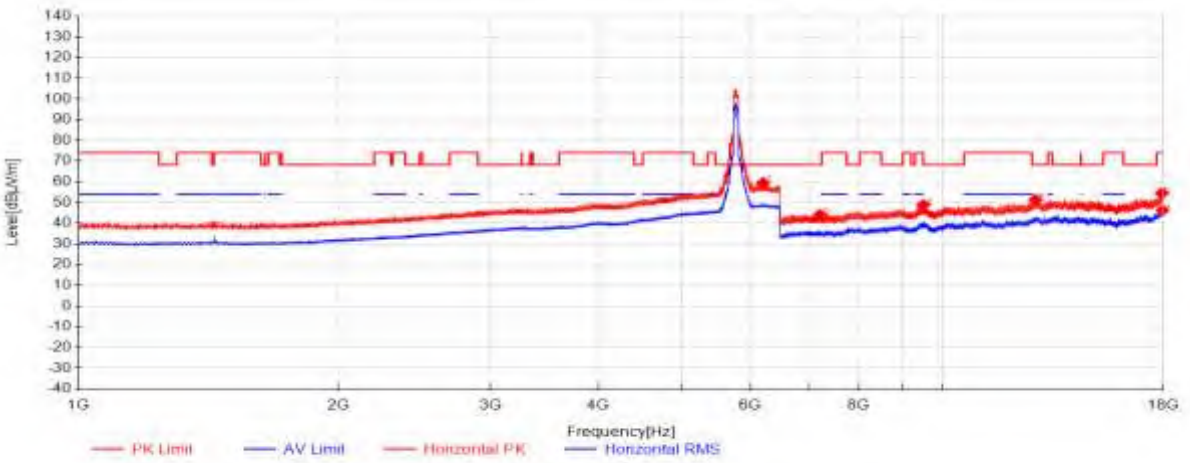
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17971.25	35.26	41.62	-30.99	45.89	54.00	8.11	Horizontal
2	6257.0833	40.74	35.01	-16.94	58.81	68.20	9.39	Horizontal
3	7814.8333	50.87	36.93	-41.09	46.71	68.20	21.49	Horizontal
4	10147.0333	47.24	38.28	-36.89	48.62	68.20	19.58	Horizontal
5	12913.1667	46.20	39.80	-34.58	51.41	68.20	16.79	Horizontal
6	17963.9667	43.03	41.60	-31.00	53.62	74.00	20.38	Horizontal

11ac(VHT80)_TX_CH_138_Vertical



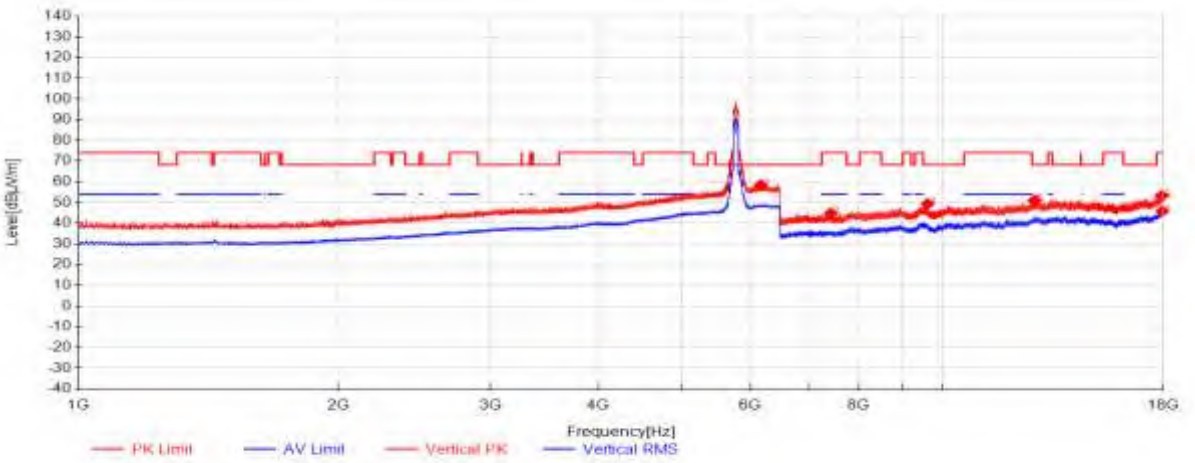
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17974.3167	35.28	41.63	-30.98	45.92	54.00	8.08	Vertical
2	6313.9167	40.33	35.13	-16.98	58.48	68.20	9.72	Vertical
3	7005.6167	50.69	36.30	-42.62	44.37	68.20	23.83	Vertical
4	9504.95	48.36	38.05	-38.48	47.93	68.20	20.27	Vertical
5	12803.15	46.20	39.66	-34.77	51.09	68.20	17.11	Vertical
6	17911.8333	43.78	41.44	-31.11	54.12	74.00	19.88	Vertical

11ac(VHT80)_TX_CH_155_Horizontal



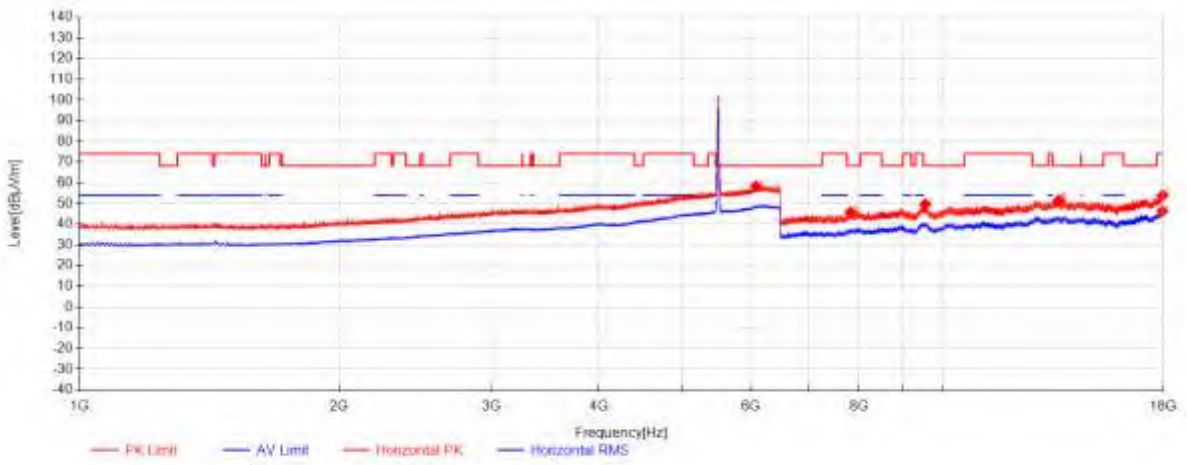
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.9333	35.60	41.62	-30.98	46.24	54.00	7.76	Horizontal
2	6200.7083	41.37	34.90	-16.81	59.46	68.20	8.74	Horizontal
3	7216.0667	49.90	36.30	-42.04	44.16	68.20	24.04	Horizontal
4	9502.65	49.31	38.05	-38.48	48.88	68.20	19.32	Horizontal
5	12806.9833	46.43	39.67	-34.76	51.34	68.20	16.86	Horizontal
6	17942.5	43.95	41.53	-31.04	54.44	74.00	19.56	Horizontal

11ac(VHT80)_TX_CH_155_Vertical



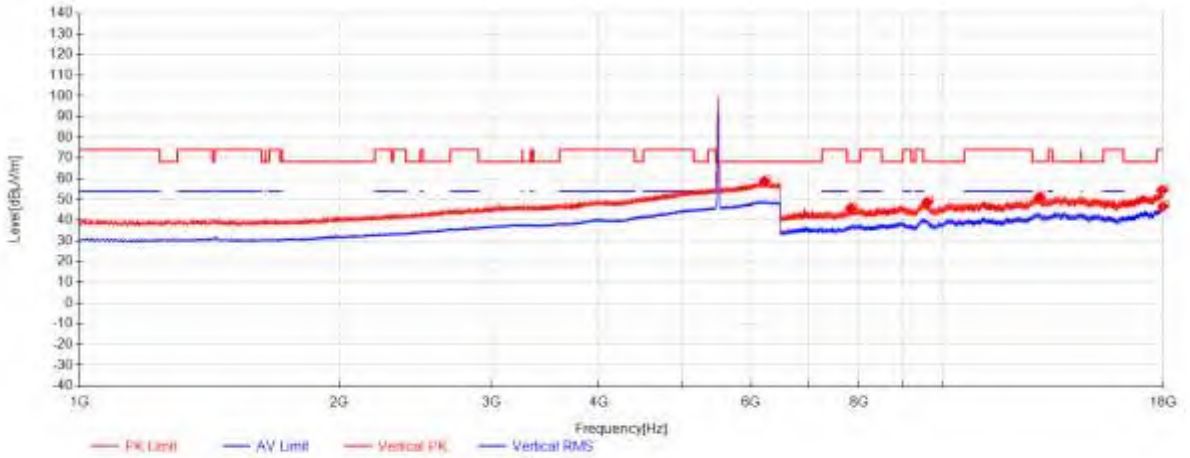
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17973.1667	35.26	41.62	-30.98	45.90	54.00	8.10	Vertical
2	6162.6667	40.34	34.83	-16.76	58.40	68.20	9.80	Vertical
3	7424.2167	50.49	36.30	-42.03	44.76	74.00	29.24	Vertical
4	9613.4333	49.46	38.06	-38.14	49.38	68.20	18.82	Vertical
5	12783.6	46.11	39.64	-34.72	51.03	68.20	17.17	Vertical
6	17949.7833	42.72	41.55	-31.03	53.24	74.00	20.76	Vertical

Spot check worst mode_Sample 2
11ac(VHT20)_TX_CH_100_ Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17963.5833	35.69	41.59	-31.00	46.28	54.00	7.72	Horizontal
2	6080.625	40.45	34.66	-16.77	58.35	68.20	9.85	Horizontal
3	7823.2667	50.04	36.95	-41.13	45.85	68.20	22.35	Horizontal
4	9542.1333	49.90	38.05	-38.38	49.58	68.20	18.62	Horizontal
5	13630.3833	45.95	40.22	-34.44	51.72	68.20	16.48	Horizontal
6	17979.3	43.17	41.64	-30.97	53.84	74.00	20.16	Horizontal

11ac(VHT20)_TX_CH_100_ Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	17995.0167	35.95	41.69	-30.94	46.70	54.00	7.30	Vertical
2	6216.2917	40.81	34.93	-16.85	58.90	68.20	9.30	Vertical
3	7827.1	50.09	36.95	-41.15	45.89	68.20	22.31	Vertical
4	9593.5	48.91	38.06	-38.24	48.73	68.20	19.47	Vertical
5	12948.8167	46.25	39.84	-34.91	51.17	68.20	17.03	Vertical
6	17954.3833	43.84	41.57	-31.02	54.39	74.00	19.61	Vertical

7.4 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.10.5 & 12.7.2

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.4.1 E.U.T. Operation

Operating Environment:

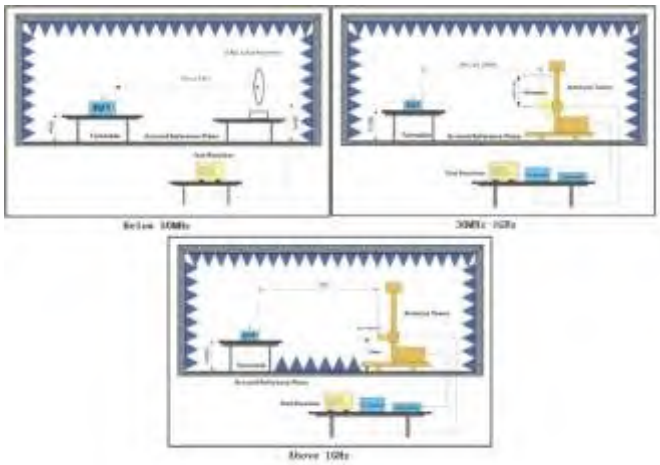
Temperature: 23 °C Humidity: 43 % RH Atmospheric Pressure: 1001 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

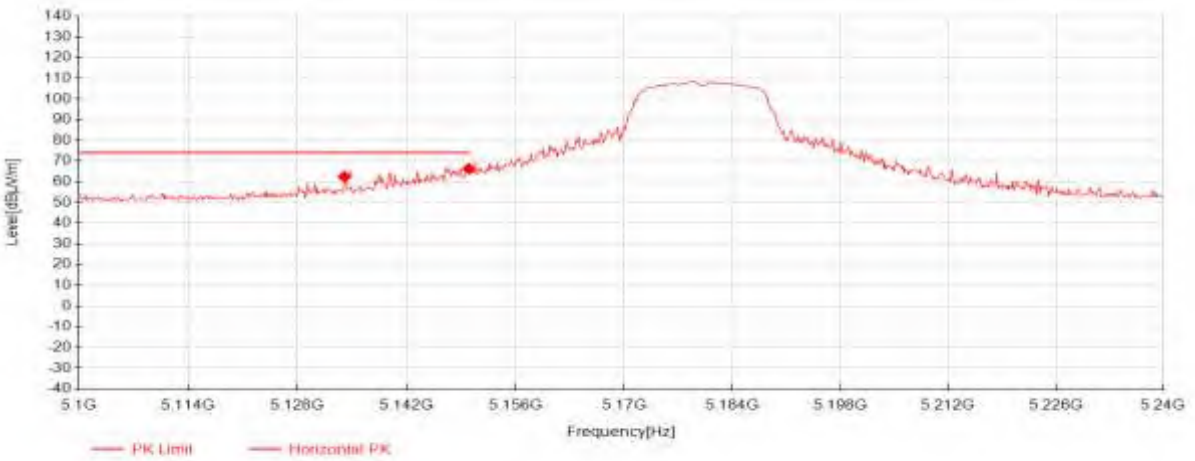
j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2:The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

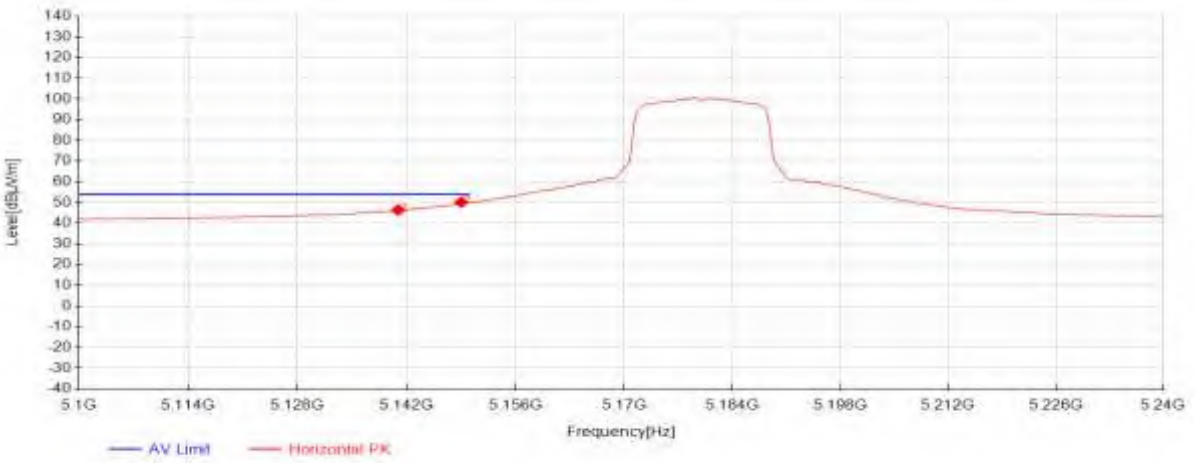
Remark 3: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geqslant$1/T (Duty cycle<98%) or 10Hz (Duty cycle$\geqslant$98%) for Average detection (AV) at frequency above 1GHz.

11a_TX_CH_36_Horizontal_Peak



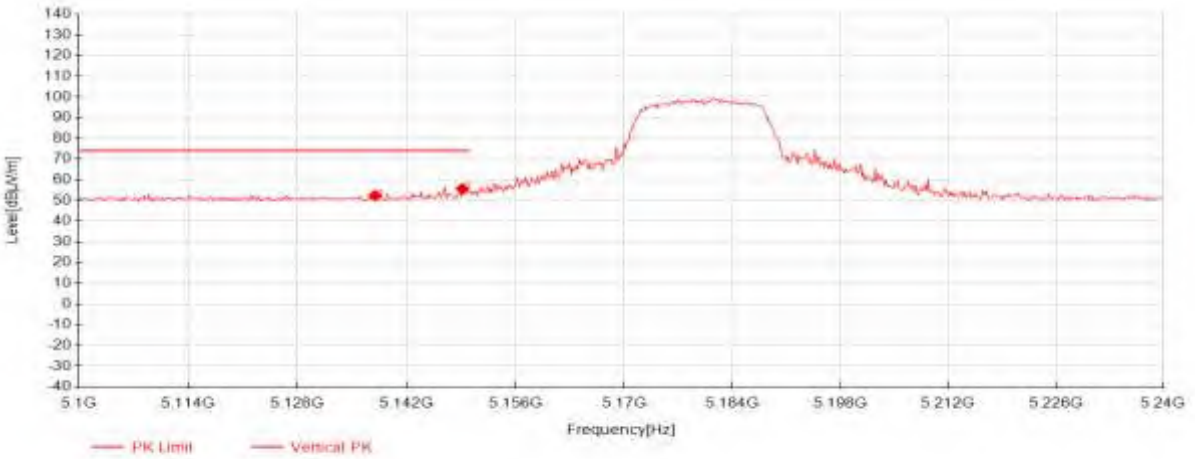
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5134.02	47.65	33.07	-18.23	62.50	74.00	11.50	Horizontal
2	5149.98	51.45	33.07	-18.18	66.34	74.00	7.66	Horizontal

11a_TX_CH_36_Horizontal_Average



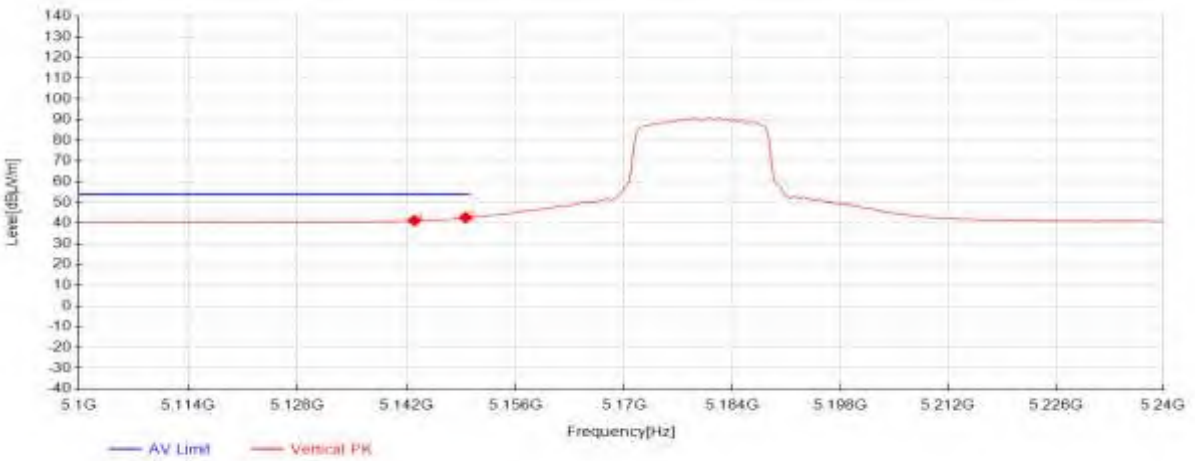
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5140.88	31.59	33.07	-18.21	46.45	54.00	7.55	Horizontal
2	5149	35.26	33.07	-18.18	50.15	54.00	3.85	Horizontal

11a_TX_CH_36_Vertical_Peak



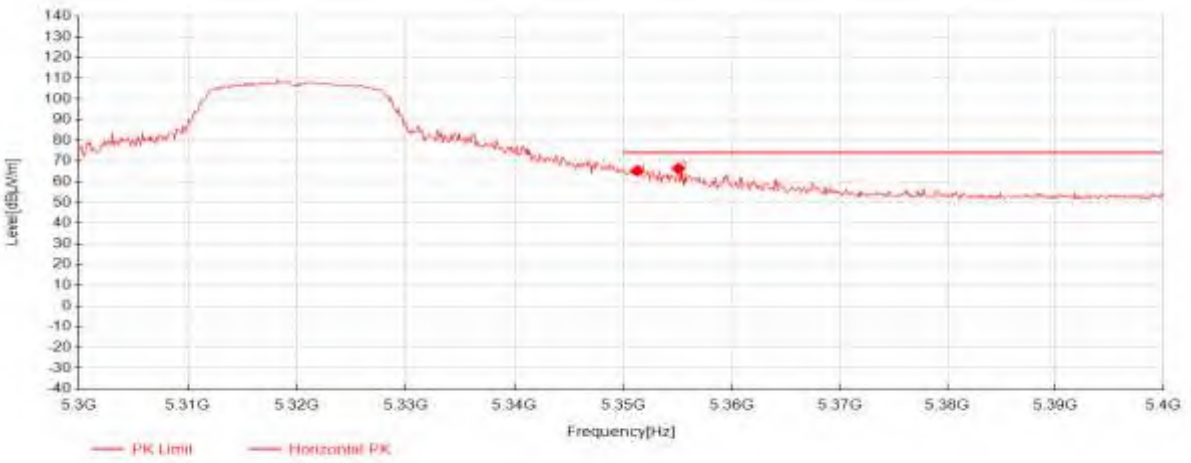
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5137.94	37.57	33.07	-18.22	52.43	74.00	21.57	Vertical
2	5149.14	40.83	33.07	-18.18	55.72	74.00	18.28	Vertical

11a_TX_CH_36_Vertical_Average



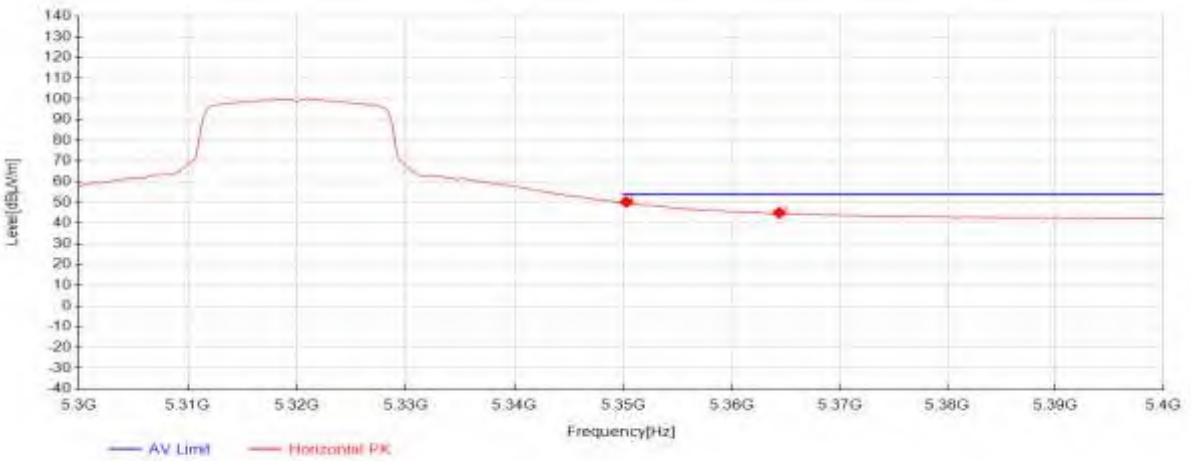
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5142.98	26.39	33.07	-18.20	41.26	54.00	12.74	Vertical
2	5149.56	27.83	33.07	-18.18	42.72	54.00	11.28	Vertical

11a_TX_CH_64_Horizontal_Peak



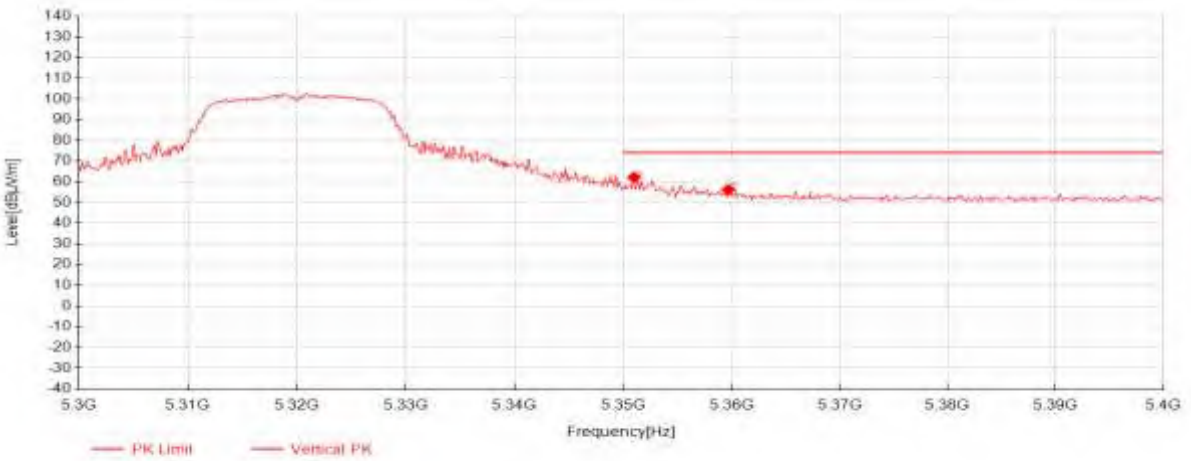
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5351.3	50.09	33.03	-17.75	65.37	74.00	8.63	Horizontal
2	5355.1	51.15	33.03	-17.76	66.42	74.00	7.58	Horizontal

11a_TX_CH_64_Horizontal_Average



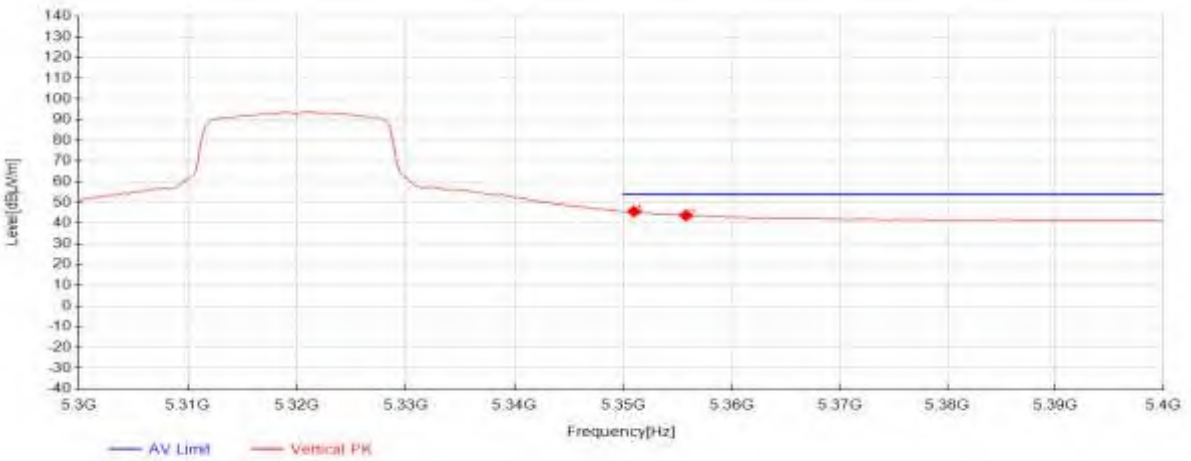
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5350.3	34.95	33.03	-17.75	50.23	54.00	3.77	Horizontal
2	5364.4	29.75	33.03	-17.77	45.01	54.00	8.99	Horizontal

11a_TX_CH_64_Vertical_Peak



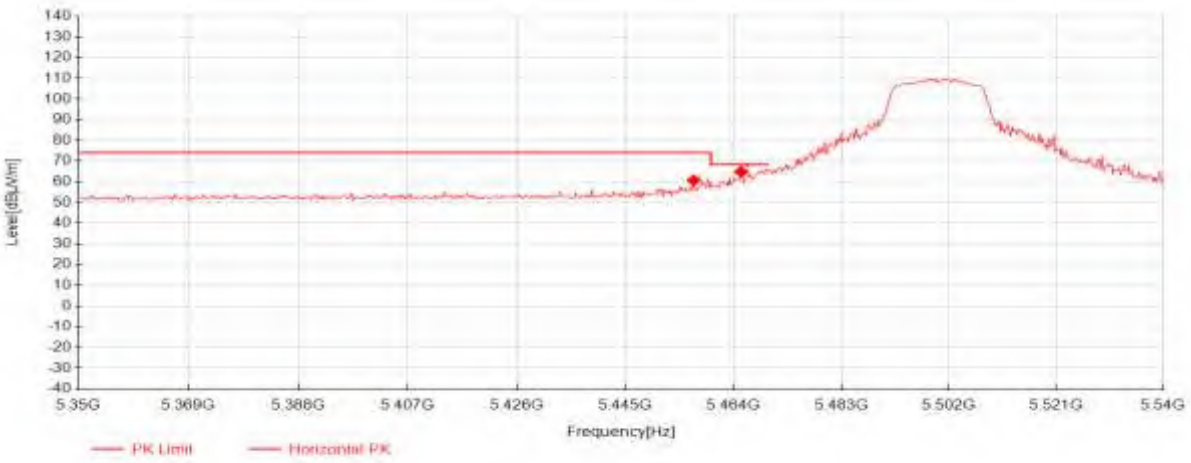
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5351	46.91	33.03	-17.75	62.19	74.00	11.81	Vertical
2	5359.7	40.97	33.03	-17.76	56.23	74.00	17.77	Vertical

11a_TX_CH_64_Vertical_Average



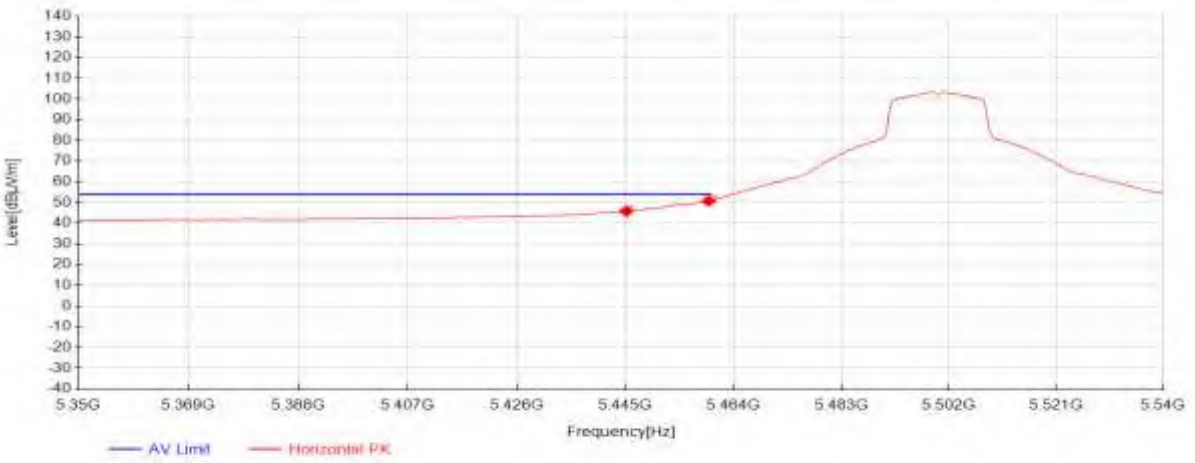
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5351	30.38	33.03	-17.75	45.66	54.00	8.34	Vertical
2	5355.8	28.46	33.03	-17.76	43.73	54.00	10.27	Vertical

11a_TX_CH_100_Horizontal_Peak



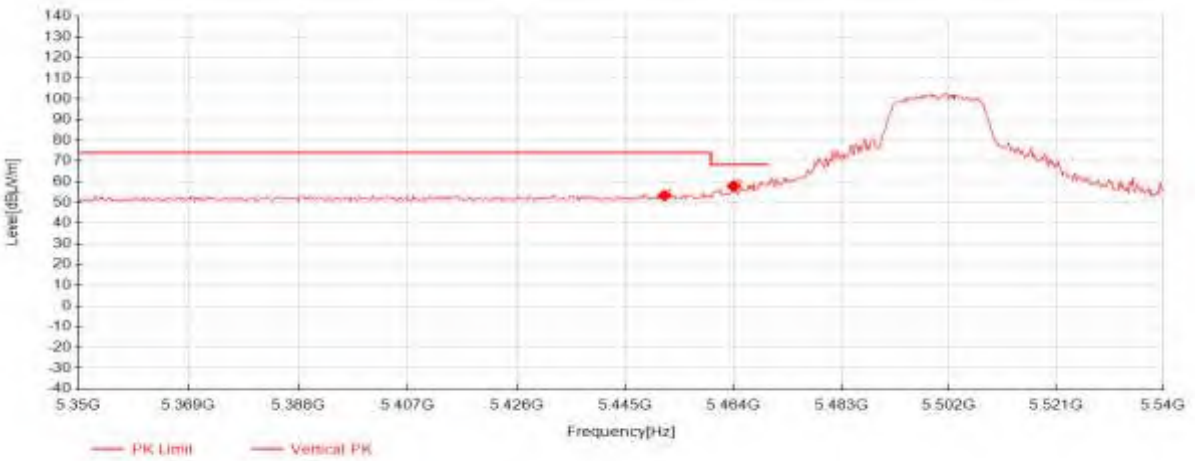
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5456.97	45.27	33.01	-17.65	60.63	74.00	13.37	Horizontal
2	5465.33	49.50	33.01	-17.62	64.88	68.30	3.42	Horizontal

11a_TX_CH_100_Horizontal_Average



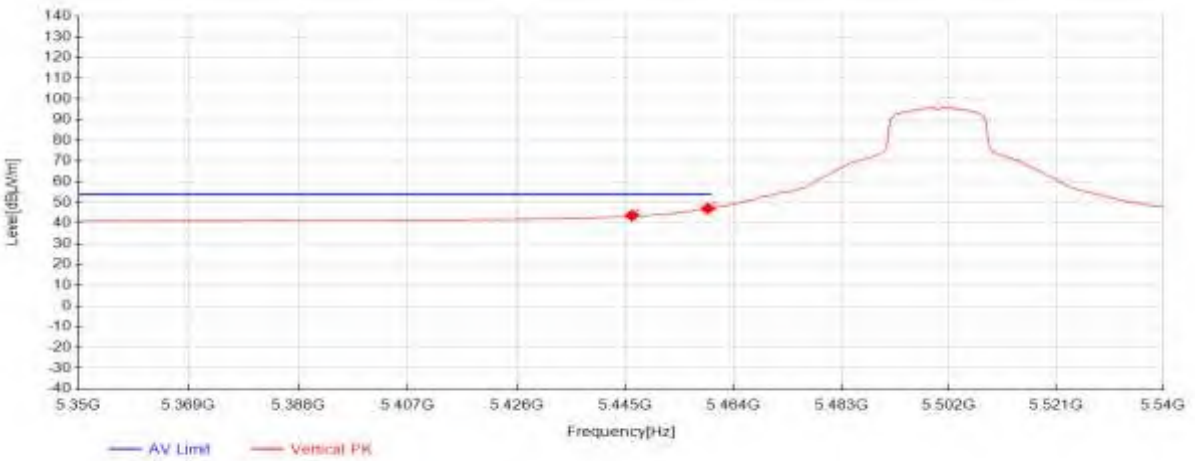
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5445.19	30.45	33.01	-17.68	45.78	54.00	8.22	Horizontal
2	5459.63	35.40	33.01	-17.64	50.77	54.00	3.23	Horizontal

11a_TX_CH_100_Vertical_Peak



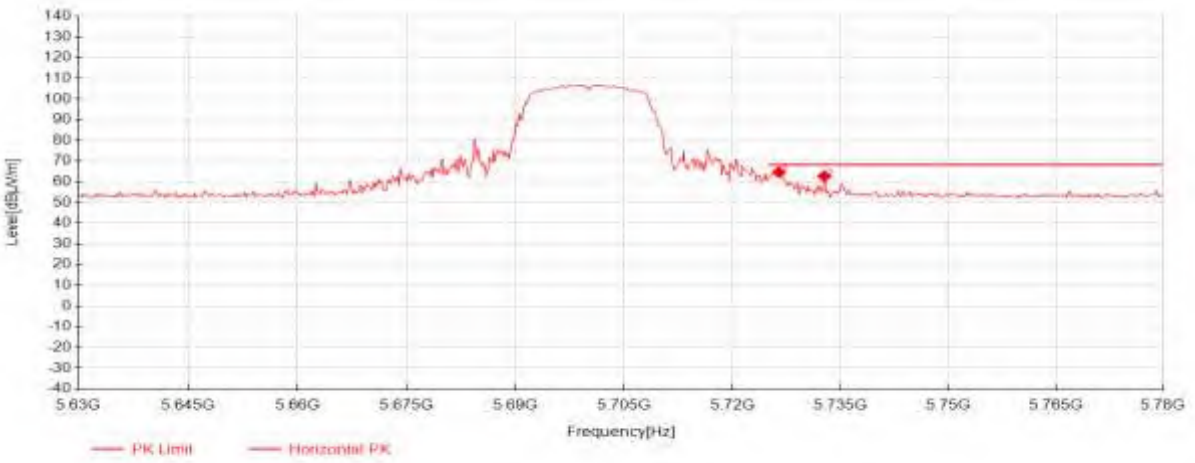
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5451.84	38.00	33.01	-17.66	53.35	74.00	20.65	Vertical
2	5464	42.63	33.01	-17.63	58.01	68.30	10.29	Vertical

11a_TX_CH_100_Vertical_Average



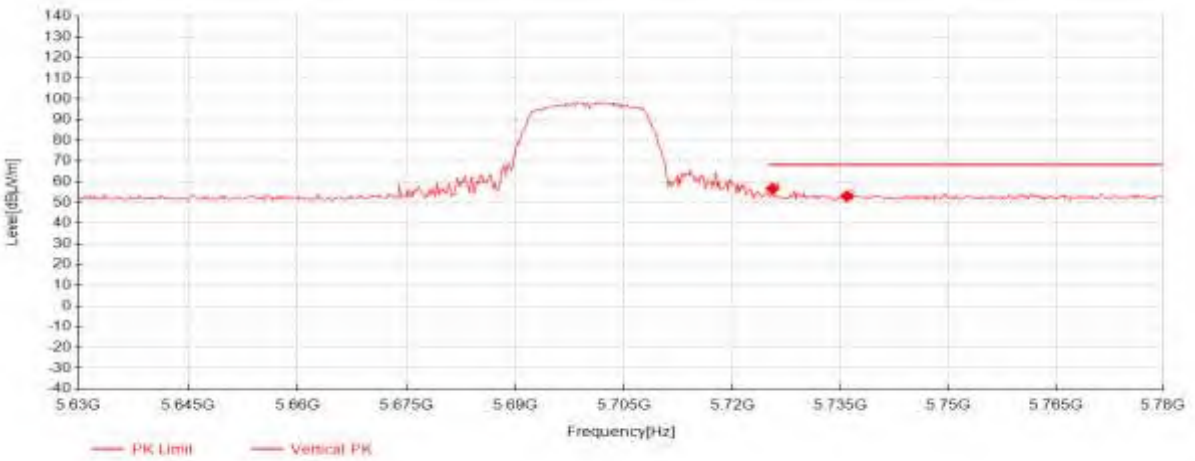
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5446.14	28.40	33.01	-17.68	43.73	54.00	10.27	Vertical
2	5459.44	31.68	33.01	-17.64	47.05	54.00	6.95	Vertical

11a_TX_CH_140_Horizontal_Peak



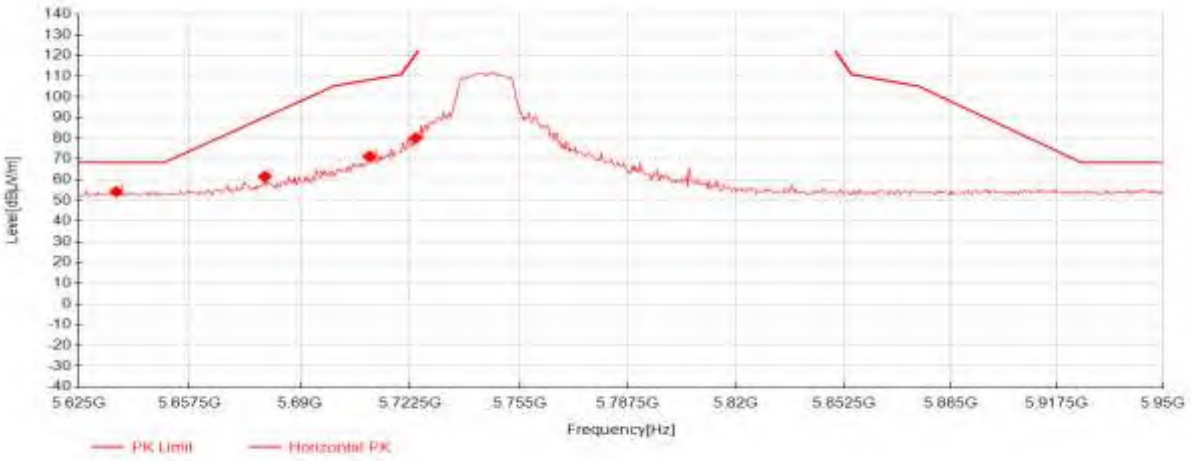
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5726.45	48.19	33.68	-17.25	64.62	68.20	3.58	Horizontal
2	5732.75	46.27	33.70	-17.23	62.74	68.20	5.46	Horizontal

11a_TX_CH_140_Vertical_Peak



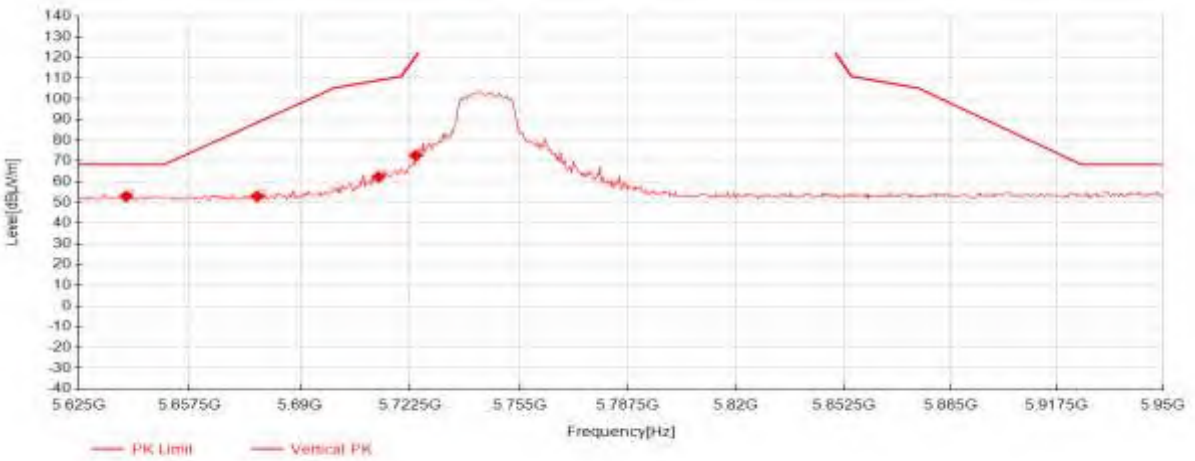
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5725.55	40.28	33.68	-17.25	56.71	68.20	11.49	Vertical
2	5735.9	36.57	33.71	-17.22	53.06	68.20	15.14	Vertical

11a_TX_CH_149_Horizontal_Peak



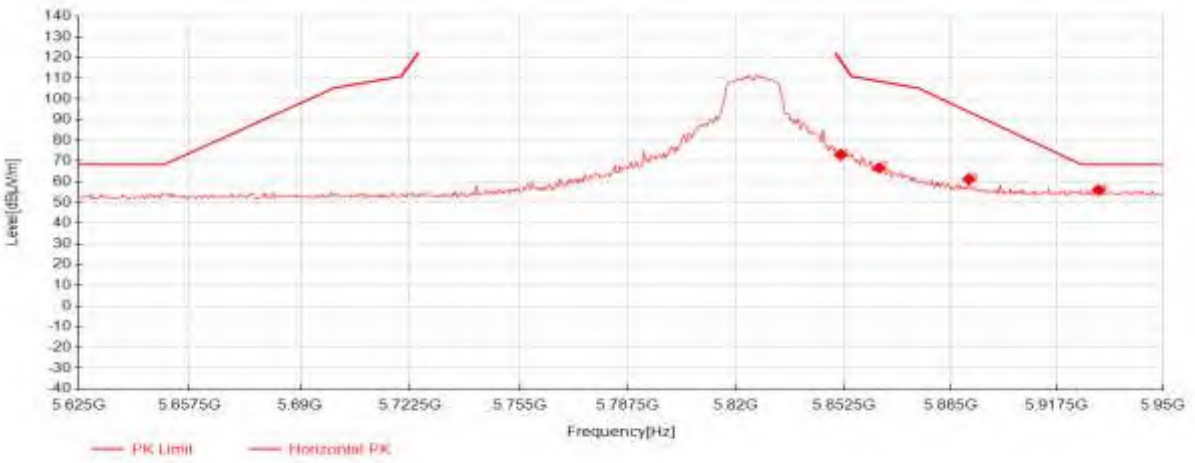
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5636.05	38.12	33.41	-17.27	54.26	68.30	14.04	Horizontal
2	5679.6	45.34	33.54	-17.31	61.57	90.24	28.67	Horizontal
3	5710.475	55.03	33.63	-17.30	71.36	108.24	36.88	Horizontal
4	5724.125	63.68	33.67	-17.26	80.10	120.31	40.21	Horizontal

11a_TX_CH_149_Vertical_Peak



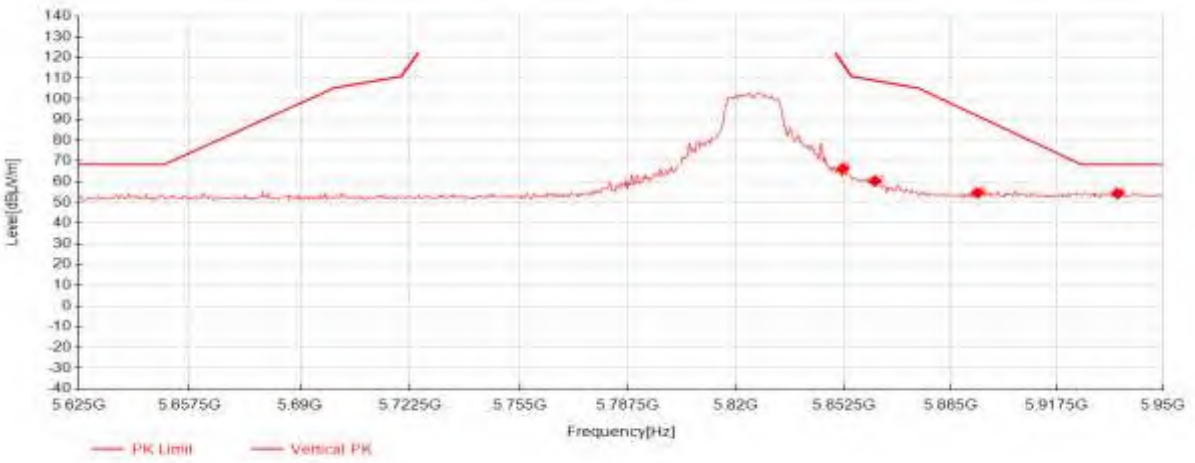
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5638.975	36.86	33.42	-17.27	53.01	68.30	15.29	Vertical
2	5677.325	36.76	33.53	-17.31	52.98	88.56	35.58	Vertical
3	5713.075	45.96	33.64	-17.29	62.31	108.96	46.65	Vertical
4	5724.125	56.26	33.67	-17.26	72.68	120.31	47.63	Vertical

11a_TX_CH_165_Horizontal_Peak



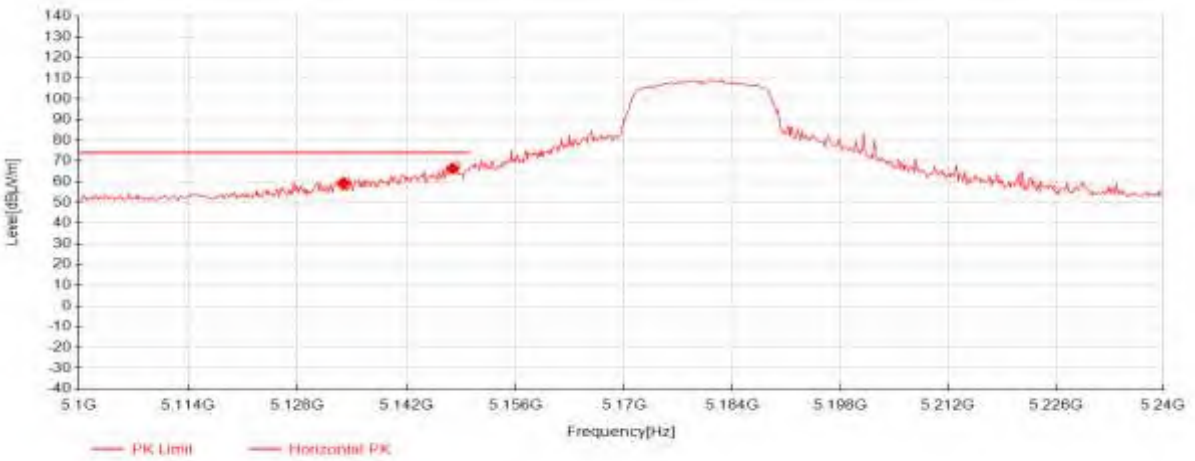
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5851.525	55.97	34.05	-16.91	73.11	118.82	45.71	Horizontal
2	5863.225	49.45	34.09	-16.89	66.65	108.59	41.94	Horizontal
3	5890.525	43.95	34.17	-16.83	61.29	93.78	32.49	Horizontal
4	5930.175	38.70	34.29	-16.90	56.09	68.30	12.21	Horizontal

11a_TX_CH_165_Vertical_Peak



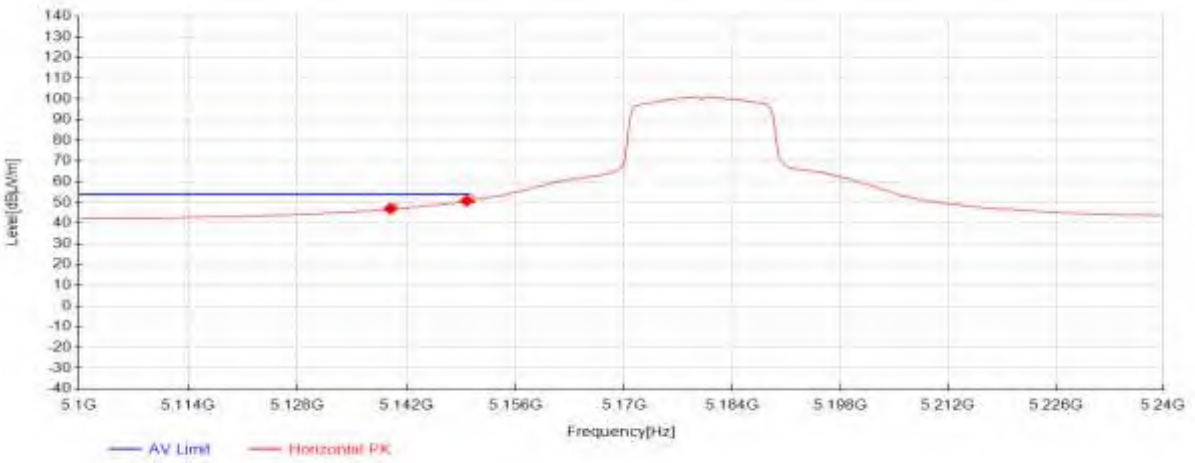
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5852.175	49.16	34.06	-16.91	66.31	117.34	51.03	Vertical
2	5861.925	43.16	34.09	-16.89	60.36	108.96	48.60	Vertical
3	5893.125	37.28	34.18	-16.82	54.63	91.85	37.22	Vertical
4	5936.025	36.99	34.31	-16.92	54.38	68.30	13.92	Vertical

11ac(VHT20)_TX_CH_36_Horizontal_Peak



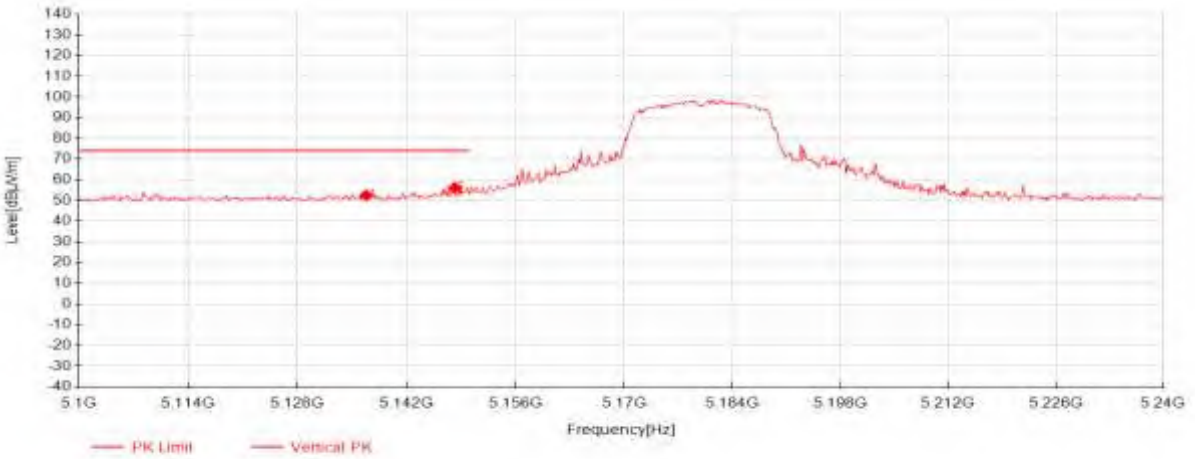
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5133.88	44.65	33.07	-18.23	59.49	74.00	14.51	Horizontal
2	5147.88	51.64	33.07	-18.19	66.52	74.00	7.48	Horizontal

11ac(VHT20)_TX_CH_36_Horizontal_Average



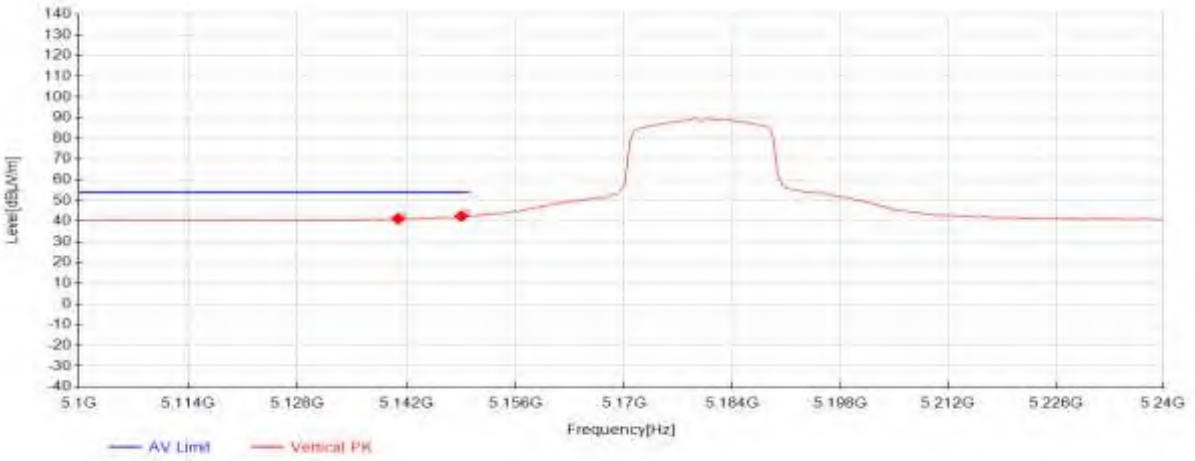
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5139.9	32.21	33.07	-18.21	47.07	54.00	6.93	Horizontal
2	5149.7	35.89	33.07	-18.18	50.78	54.00	3.22	Horizontal

11ac(VHT20)_TX_CH_36_Vertical_Peak



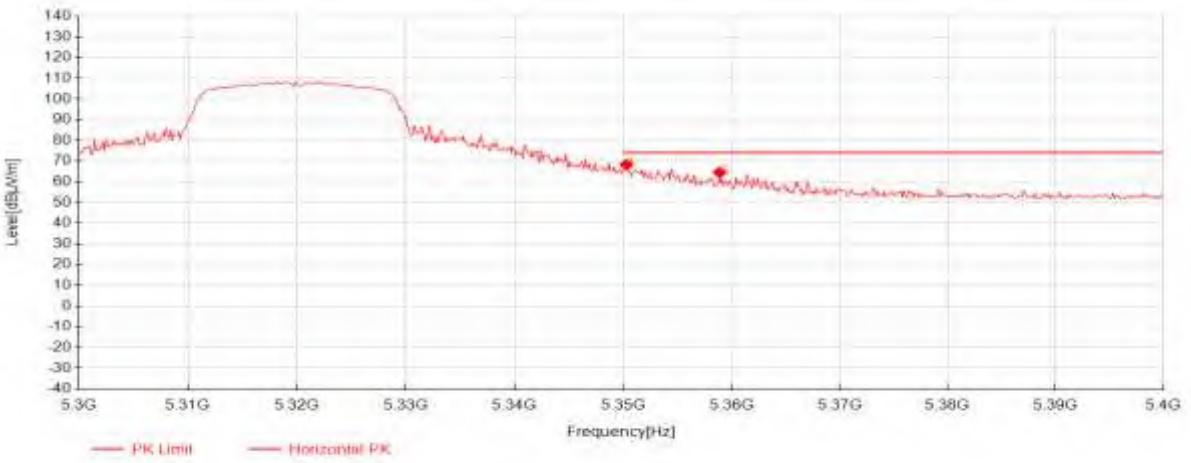
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5136.82	37.67	33.07	-18.22	52.52	74.00	21.48	Vertical
2	5148.16	41.32	33.07	-18.19	56.20	74.00	17.80	Vertical

11ac(VHT20)_TX_CH_36_Vertical_Average



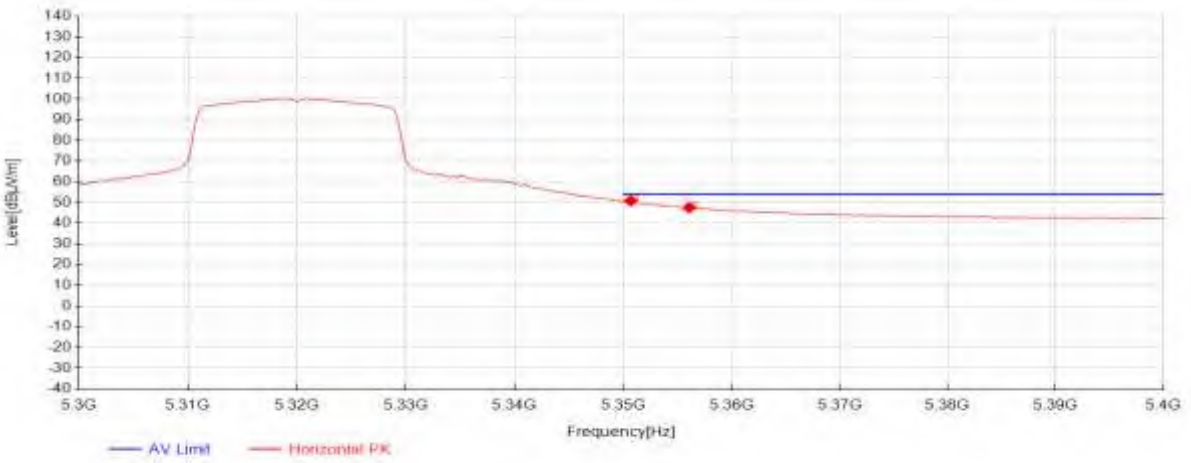
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5140.88	26.33	33.07	-18.21	41.19	54.00	12.81	Vertical
2	5149	27.54	33.07	-18.18	42.43	54.00	11.57	Vertical

11ac(VHT20)_TX_CH_64_Horizontal_Peak



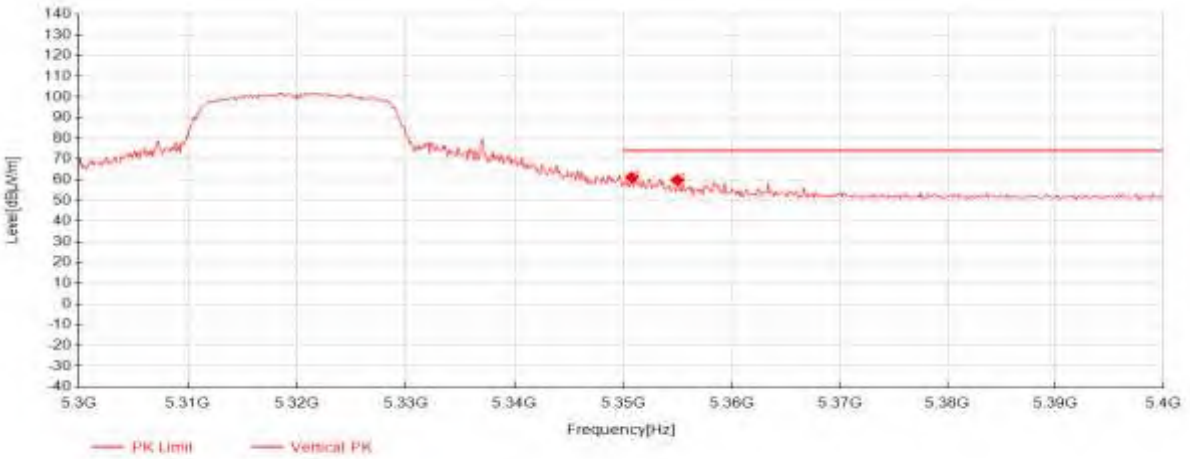
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5350.3	53.02	33.03	-17.75	68.30	74.00	5.70	Horizontal
2	5358.9	49.24	33.03	-17.76	64.51	74.00	9.49	Horizontal

11ac(VHT20)_TX_CH_64_Horizontal_Average



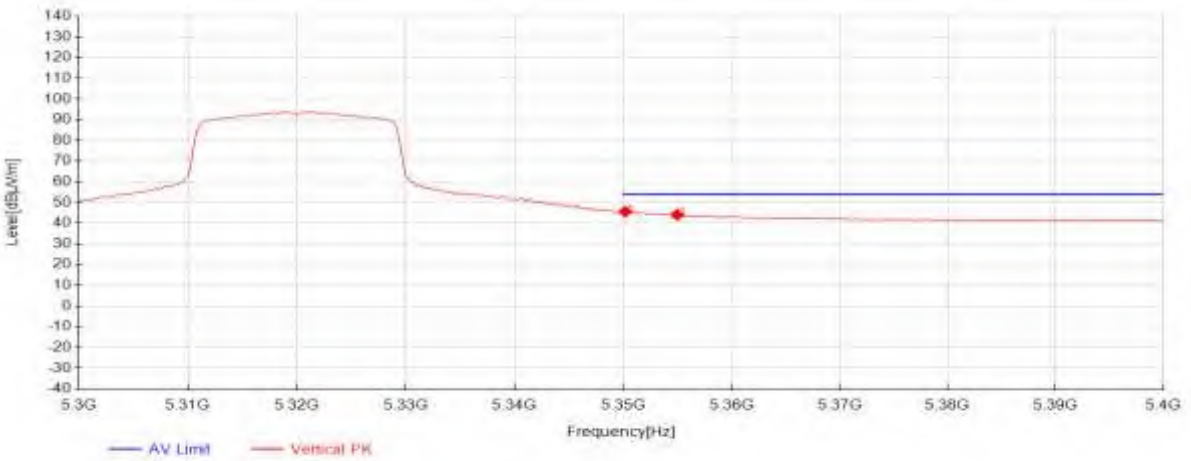
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5350.7	35.56	33.03	-17.75	50.84	54.00	3.16	Horizontal
2	5356.1	32.28	33.03	-17.76	47.55	54.00	6.45	Horizontal

11ac(VHT20)_TX_CH_64_Vertical_Peak



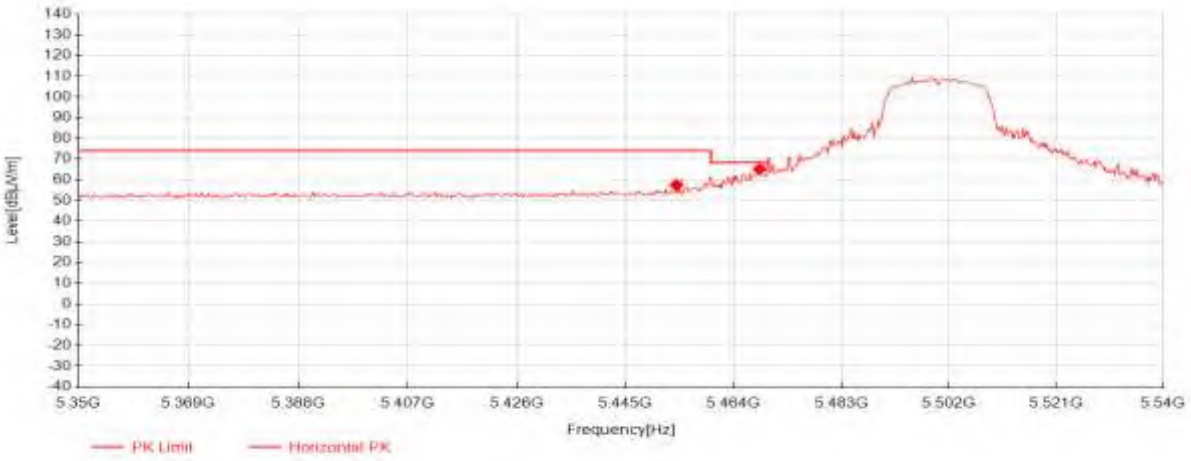
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5350.8	45.90	33.03	-17.75	61.18	74.00	12.82	Vertical
2	5355	44.61	33.03	-17.76	59.88	74.00	14.12	Vertical

11ac(VHT20)_TX_CH_64_Vertical_Average



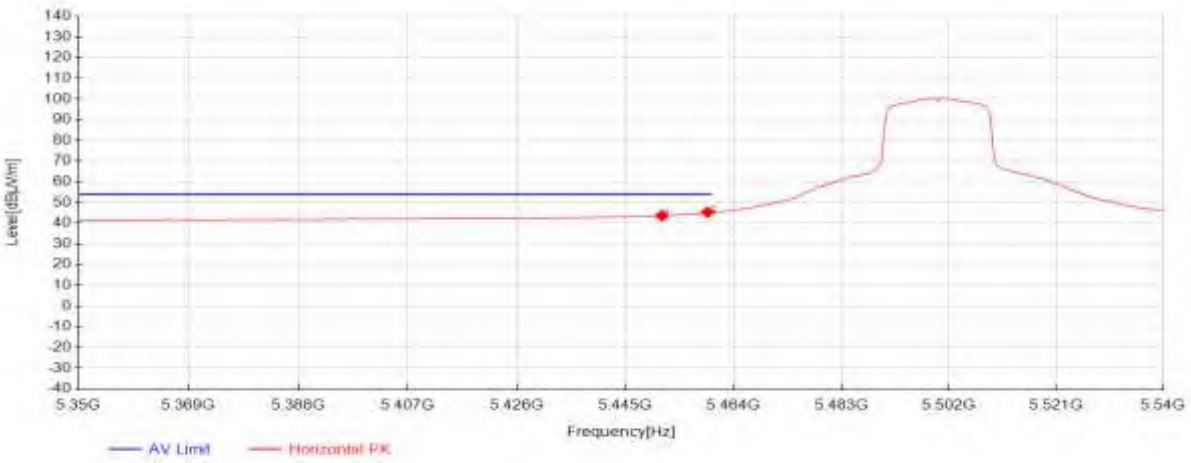
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5350.2	30.31	33.03	-17.75	45.59	54.00	8.41	Vertical
2	5355	28.75	33.03	-17.76	44.02	54.00	9.98	Vertical

11ac(VHT20)_TX_CH_100_Horizontal_Peak



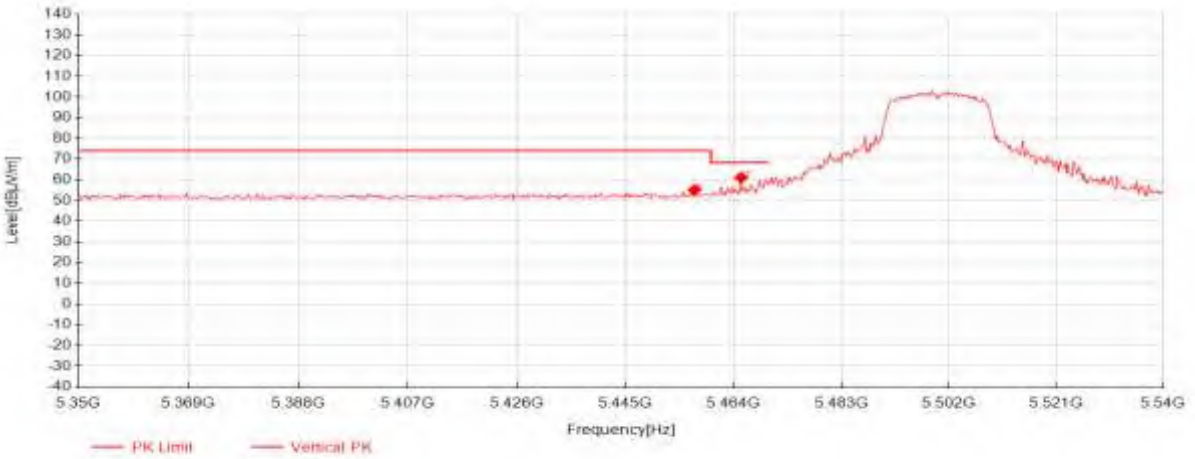
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5453.93	42.15	33.01	-17.66	57.50	74.00	16.50	Horizontal
2	5468.56	49.79	33.01	-17.61	65.18	68.30	3.12	Horizontal

11ac(VHT20)_TX_CH_100_Horizontal_Average



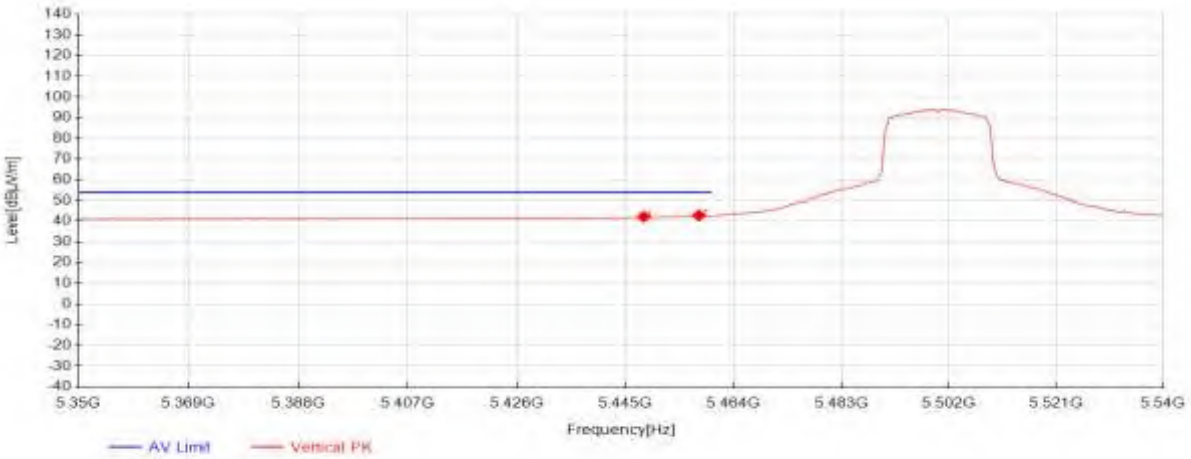
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5451.46	28.27	33.01	-17.67	43.61	54.00	10.39	Horizontal
2	5459.44	29.93	33.01	-17.64	45.30	54.00	8.70	Horizontal

11ac(VHT20)_TX_CH_100_Vertical_Peak



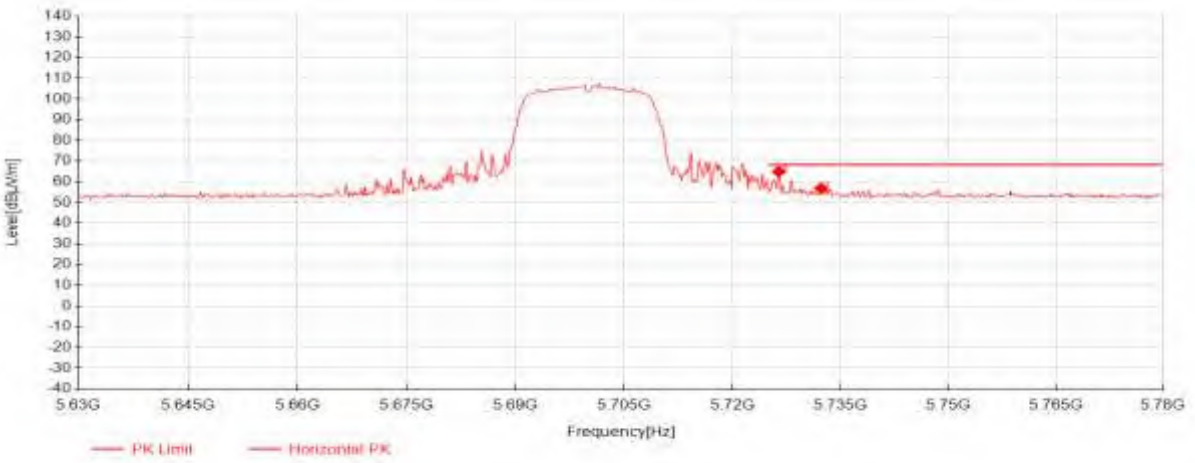
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5457.16	39.82	33.01	-17.65	55.18	74.00	18.82	Vertical
2	5465.33	45.69	33.01	-17.62	61.07	68.30	7.23	Vertical

11ac(VHT20)_TX_CH_100_Vertical_Average



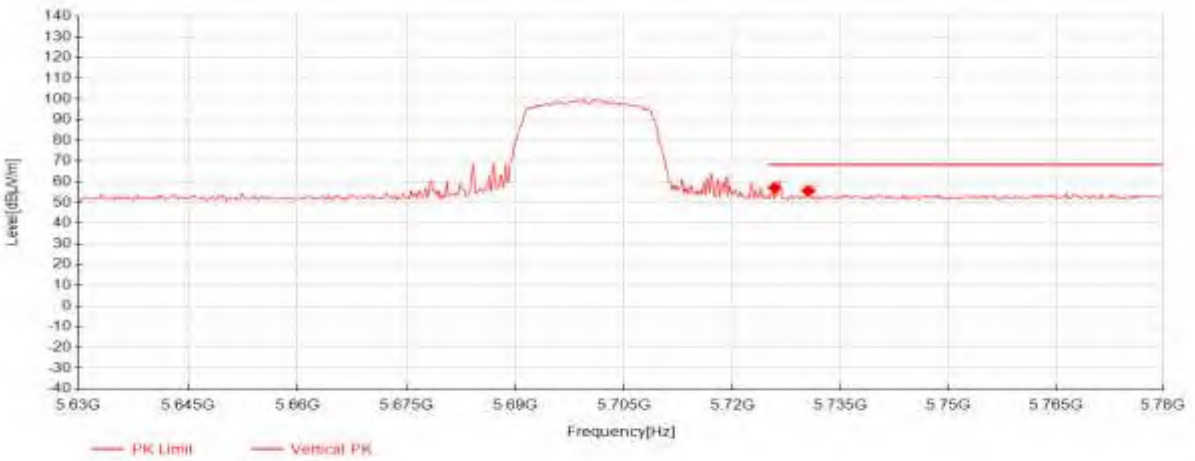
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5448.23	26.86	33.01	-17.68	42.20	54.00	11.80	Vertical
2	5457.92	27.43	33.01	-17.65	42.79	54.00	11.21	Vertical

11ac(VHT20)_TX_CH_140_Horizontal_Peak



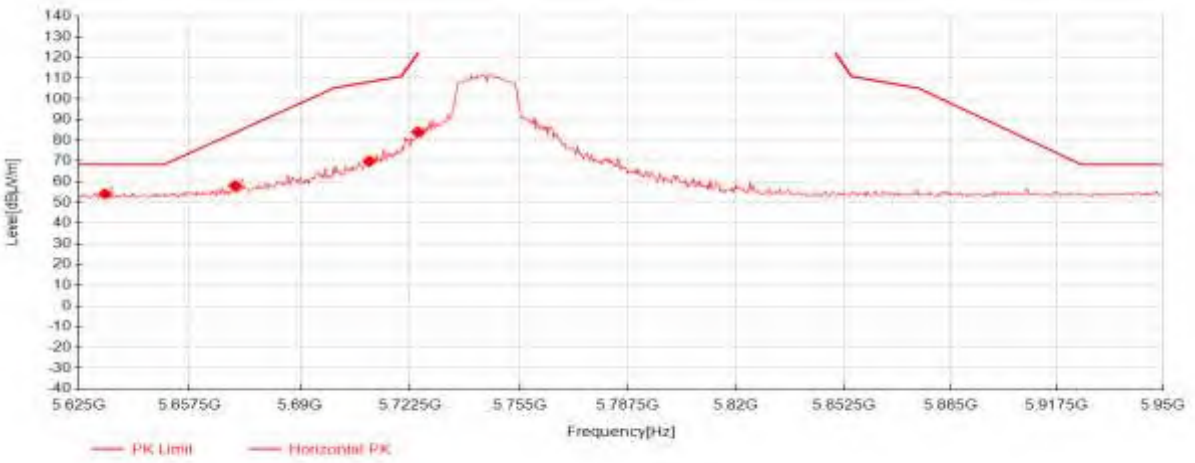
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5726.45	48.52	33.68	-17.25	64.95	68.20	3.25	Horizontal
2	5732.3	40.33	33.70	-17.23	56.80	68.20	11.40	Horizontal

11ac(VHT20)_TX_CH_140_Vertical_Peak



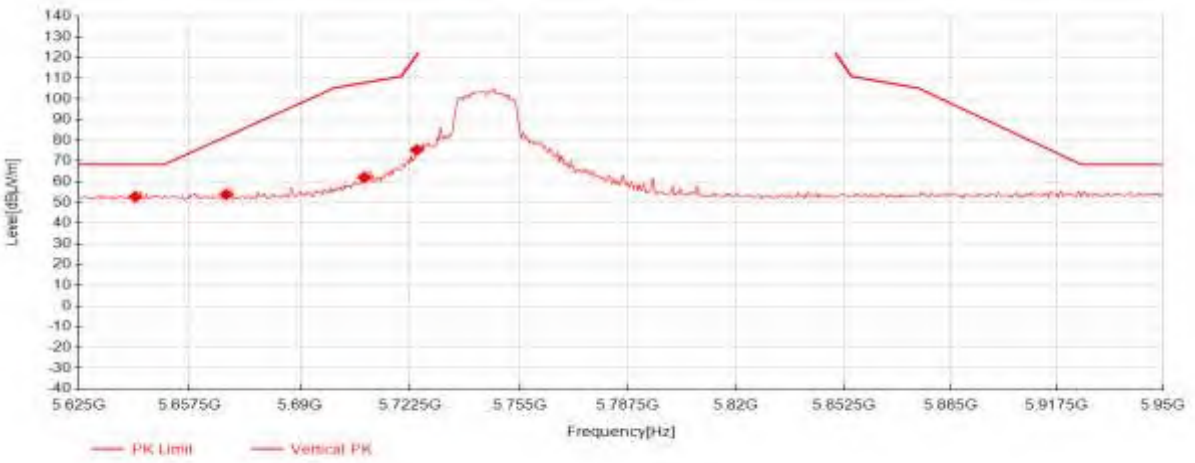
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5725.85	40.76	33.68	-17.25	57.19	68.20	11.01	Vertical
2	5730.5	39.15	33.69	-17.24	55.61	68.20	12.59	Vertical

11ac(VHT20)_TX_CH_149_Horizontal_Peak



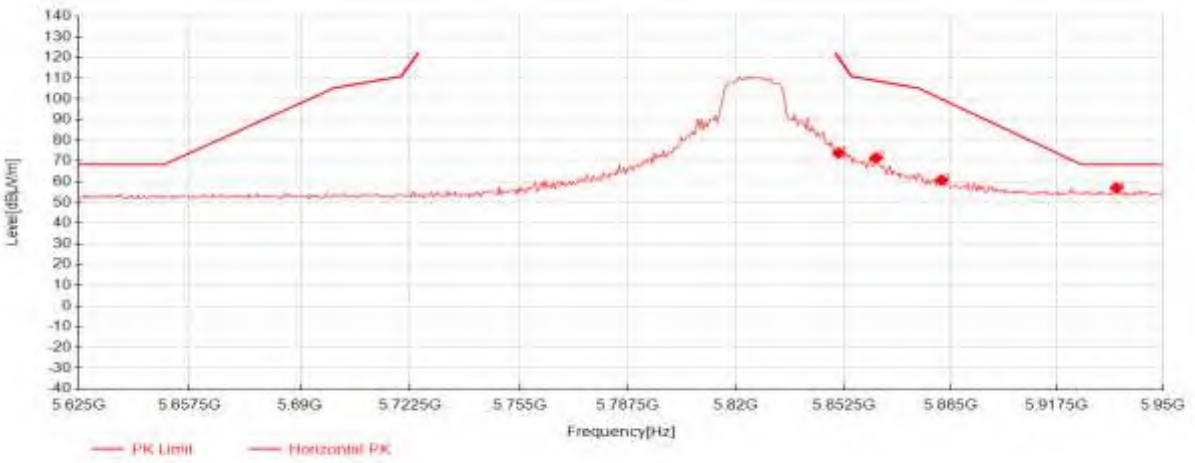
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5632.8	38.04	33.40	-17.26	54.18	68.30	14.12	Horizontal
2	5670.825	41.91	33.51	-17.30	58.12	83.75	25.63	Horizontal
3	5710.475	53.63	33.63	-17.30	69.96	108.24	38.28	Horizontal
4	5724.775	67.61	33.67	-17.25	84.03	121.79	37.76	Horizontal

11ac(VHT20)_TX_CH_149_Vertical_Peak



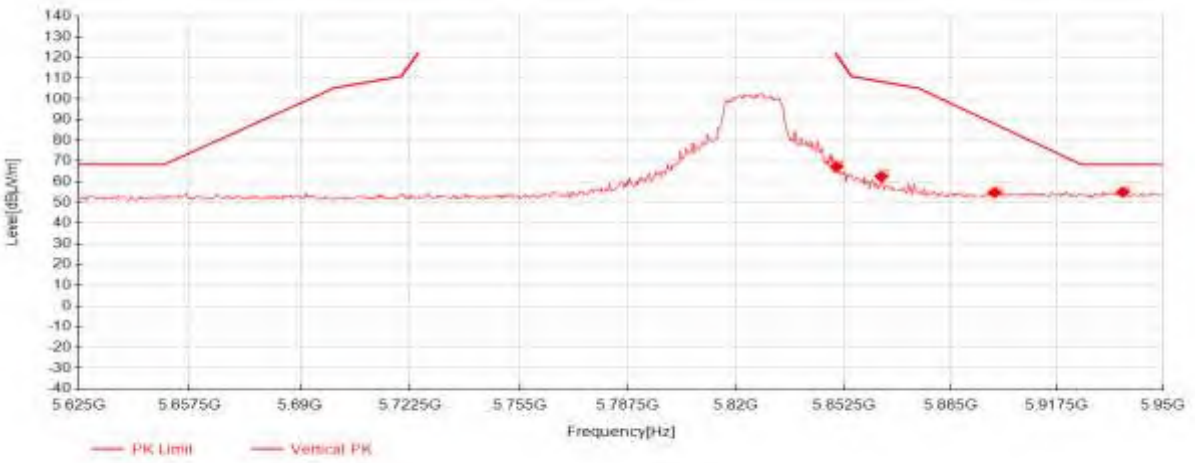
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5641.575	36.63	33.42	-17.27	52.78	68.30	15.52	Vertical
2	5668.225	37.71	33.50	-17.30	53.92	81.82	27.90	Vertical
3	5708.85	45.84	33.63	-17.30	62.16	107.78	45.62	Vertical
4	5724.45	58.93	33.67	-17.25	75.35	121.05	45.70	Vertical

11ac(VHT20)_TX_CH_165_Horizontal_Peak



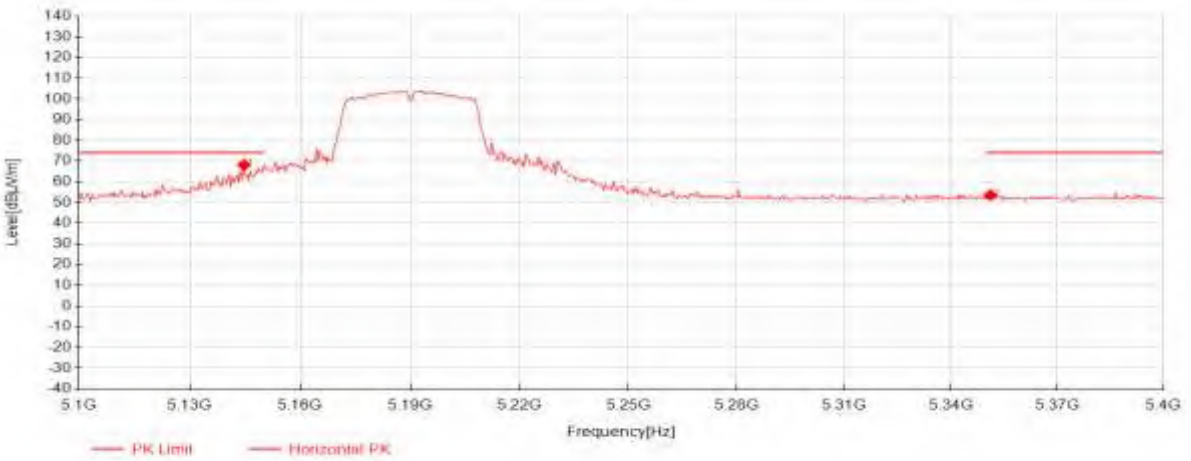
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5850.875	56.74	34.05	-16.91	73.88	120.30	46.42	Horizontal
2	5862.25	54.38	34.09	-16.89	71.58	108.87	37.29	Horizontal
3	5882.075	43.61	34.15	-16.85	60.91	100.05	39.14	Horizontal
4	5935.7	39.69	34.31	-16.92	57.08	68.30	11.22	Horizontal

11ac(VHT20)_TX_CH_165_Vertical_Peak



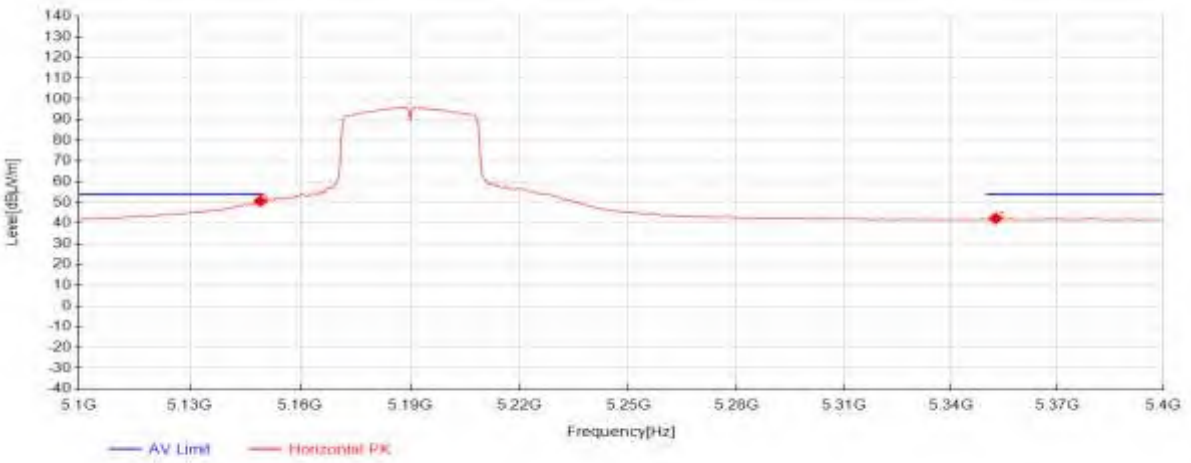
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5850.225	50.14	34.05	-16.91	67.28	121.79	54.51	Vertical
2	5863.875	45.38	34.09	-16.89	62.59	108.41	45.82	Vertical
3	5898.325	37.42	34.19	-16.81	54.80	88.00	33.20	Vertical
4	5937.65	37.65	34.31	-16.93	55.04	68.30	13.26	Vertical

11ac(VHT40)_TX_CH_38_Horizontal_Peak



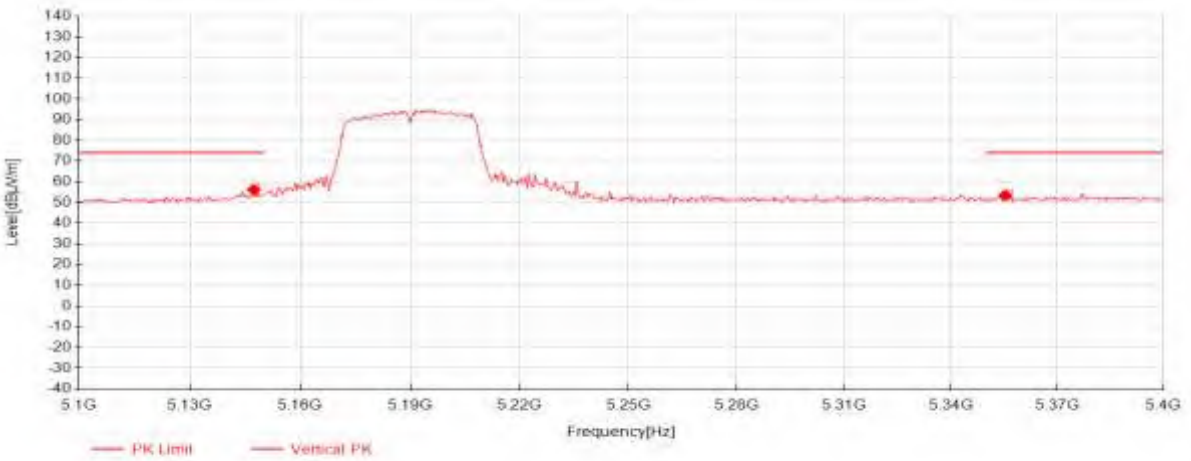
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5144.7	53.19	33.07	-18.20	68.07	74.00	5.93	Horizontal
2	5351.1	38.27	33.03	-17.75	53.55	74.00	20.45	Horizontal

11ac(VHT40)_TX_CH_38_Horizontal_Average



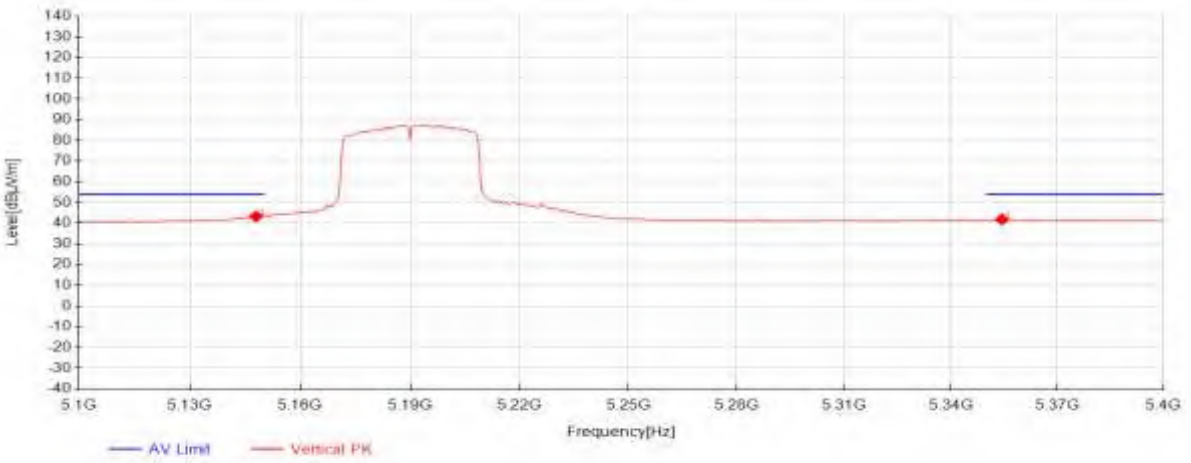
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5149.2	35.86	33.07	-18.18	50.75	54.00	3.25	Horizontal
2	5352.6	27.02	33.03	-17.75	42.30	54.00	11.70	Horizontal

11ac(VHT40)_TX_CH_38_Vertical_Peak



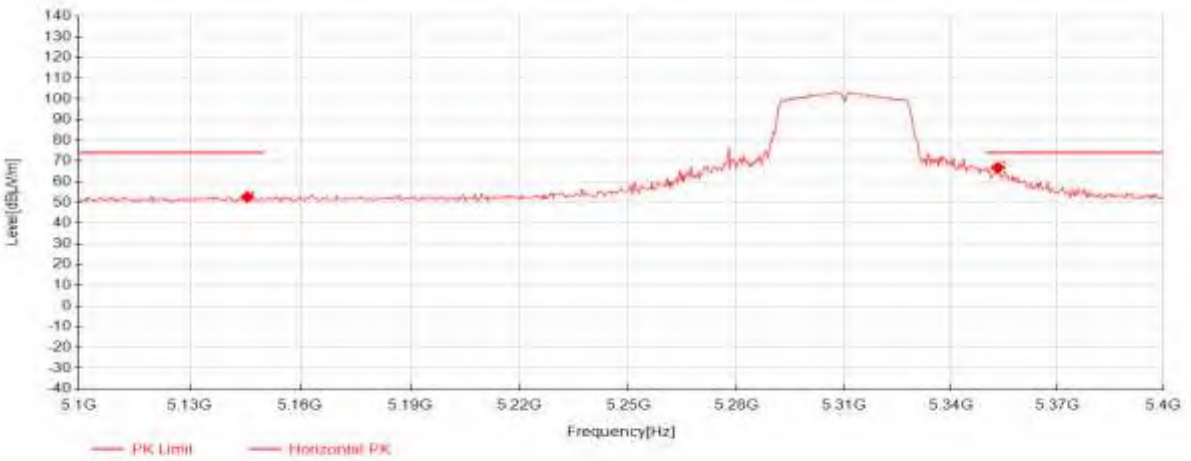
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5147.4	41.33	33.07	-18.19	56.21	74.00	17.79	Vertical
2	5355.3	38.20	33.03	-17.76	53.47	74.00	20.53	Vertical

11ac(VHT40)_TX_CH_38_Vertical_Average



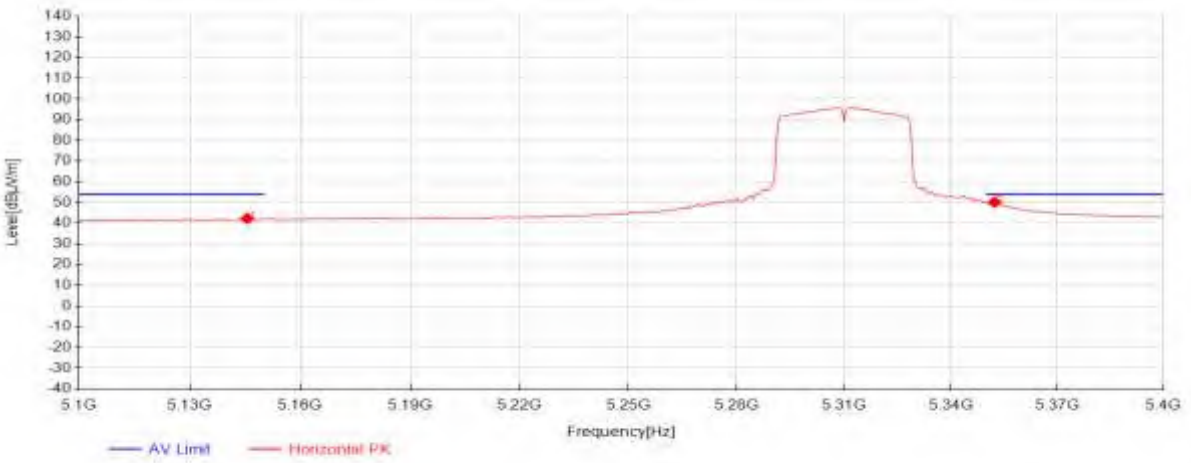
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5148	28.41	33.07	-18.19	43.29	54.00	10.71	Vertical
2	5354.4	26.61	33.03	-17.76	41.88	54.00	12.12	Vertical

11ac(VHT40)_TX_CH_62_Horizontal_Peak



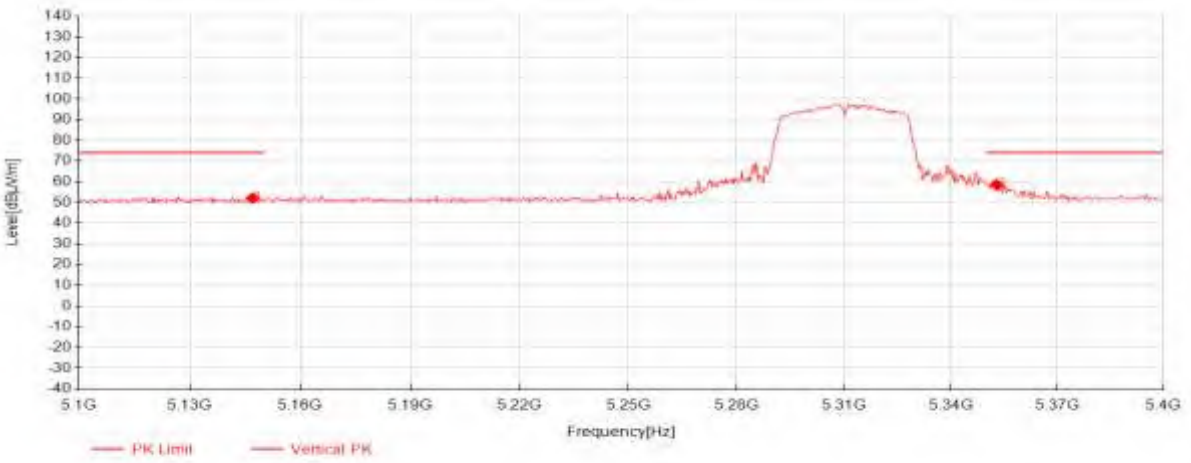
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5145.6	37.81	33.07	-18.19	52.69	74.00	21.31	Horizontal
2	5353.2	51.53	33.03	-17.75	66.80	74.00	7.20	Horizontal

11ac(VHT40)_TX_CH_62_Horizontal_Average



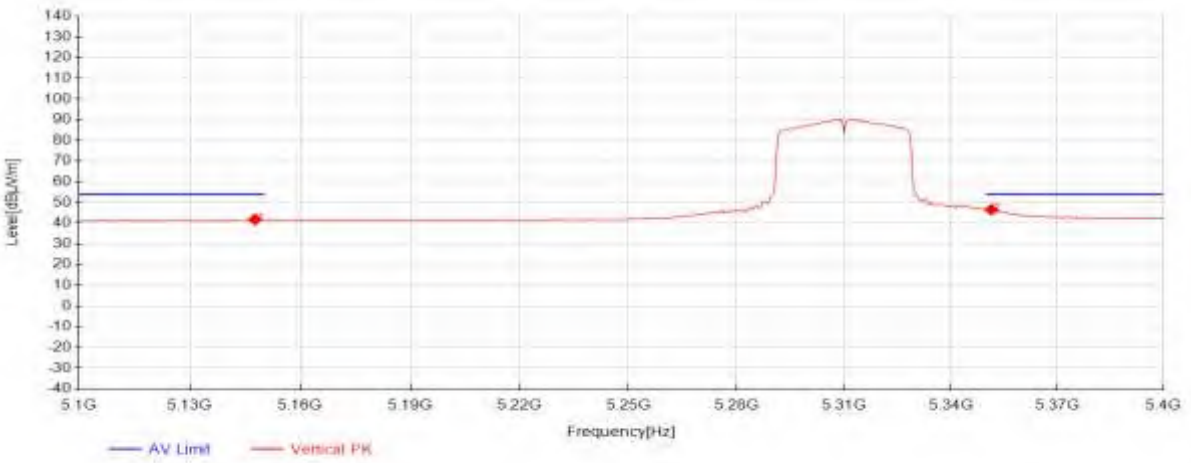
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5145.6	27.40	33.07	-18.19	42.28	54.00	11.72	Horizontal
2	5352.3	34.85	33.03	-17.75	50.13	54.00	3.87	Horizontal

11ac(VHT40)_TX_CH_62_Vertical_Peak



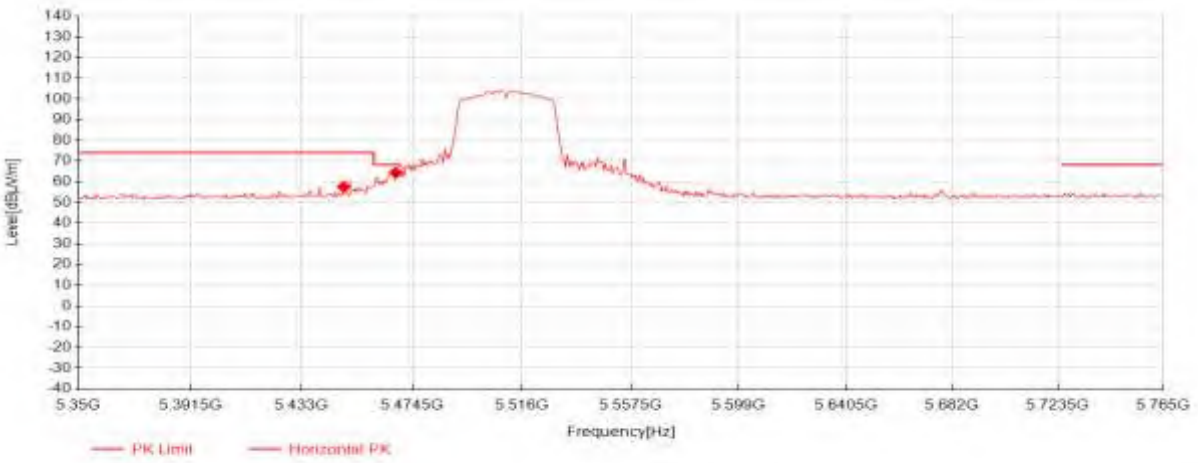
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5147.1	37.27	33.07	-18.19	52.15	74.00	21.85	Vertical
2	5352.9	43.42	33.03	-17.75	58.70	74.00	15.30	Vertical

11ac(VHT40)_TX_CH_62_Vertical_Average



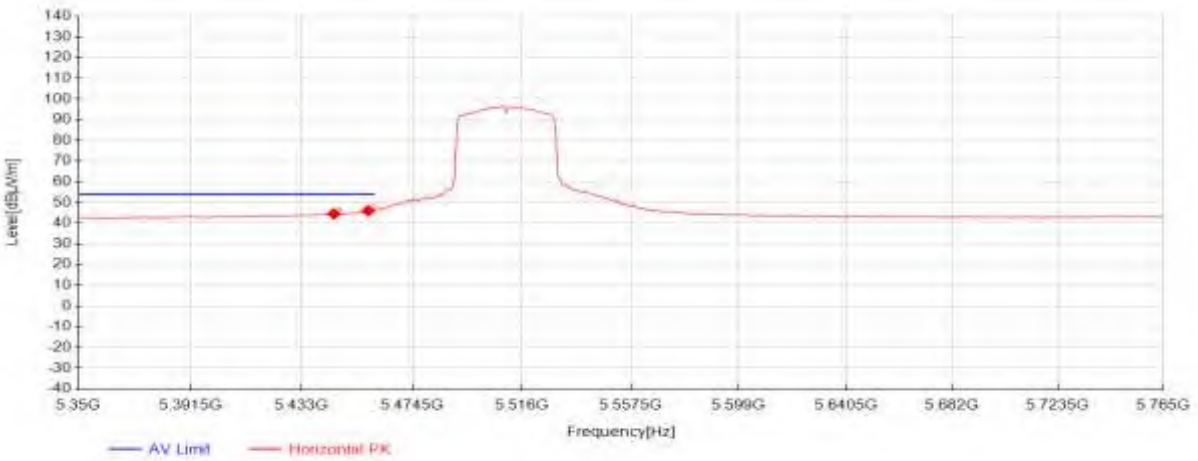
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5147.7	26.96	33.07	-18.19	41.84	54.00	12.16	Vertical
2	5351.4	31.34	33.03	-17.75	46.62	54.00	7.38	Vertical

11ac(VHT40)_TX_CH_102_Horizontal_Peak



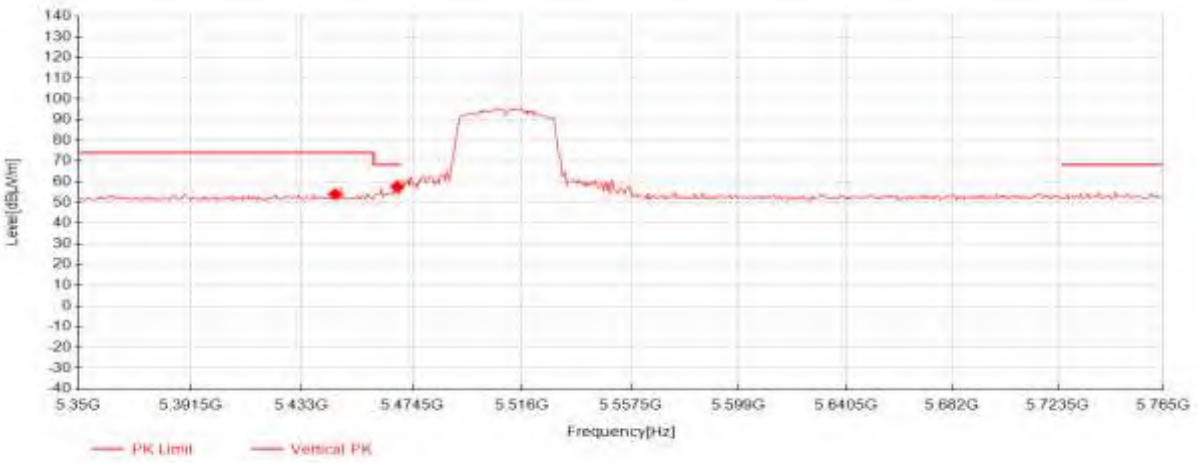
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5448.77	42.21	33.01	-17.67	57.55	74.00	16.45	Horizontal
2	5468.275	48.98	33.01	-17.62	64.37	68.20	3.83	Horizontal

11ac(VHT40)_TX_CH_102_Horizontal_Average



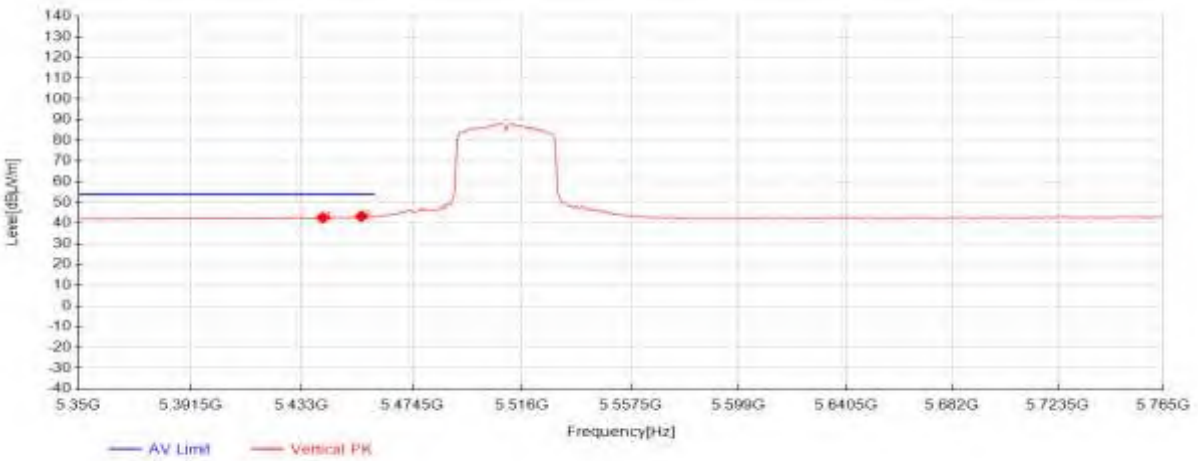
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5445.035	29.21	33.01	-17.68	44.54	54.00	9.46	Horizontal
2	5457.9	30.62	33.01	-17.65	45.98	54.00	8.02	Horizontal

11ac(VHT40)_TX_CH_102_Vertical_Peak



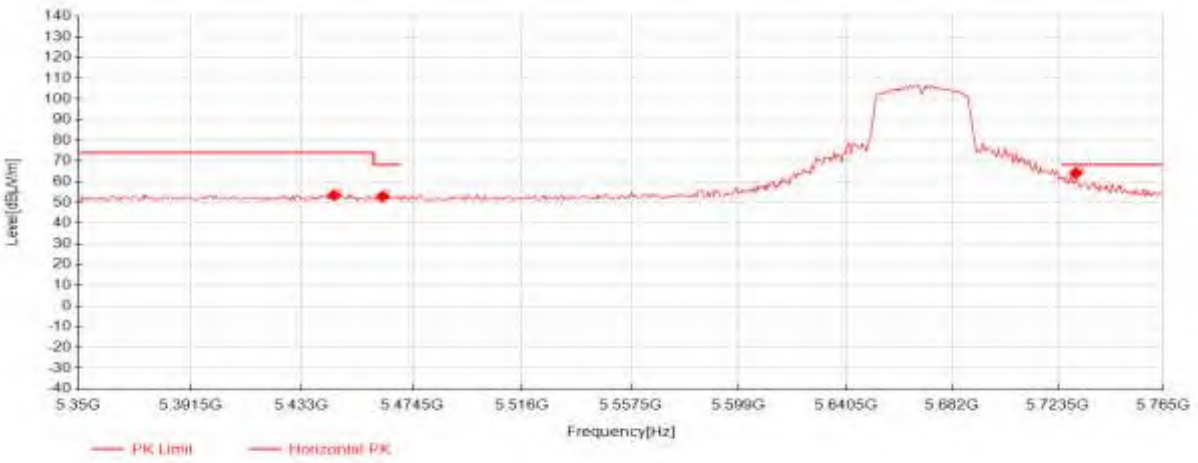
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5445.45	38.75	33.01	-17.68	54.08	74.00	19.92	Vertical
2	5468.69	42.29	33.01	-17.61	57.68	68.20	10.52	Vertical

11ac(VHT40)_TX_CH_102_Vertical_Average



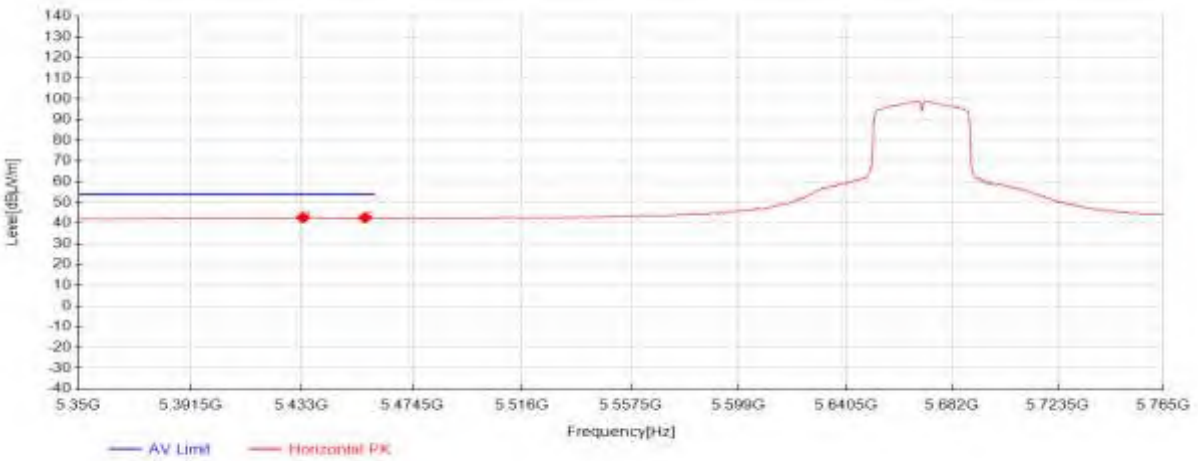
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5440.885	27.33	33.01	-17.70	42.64	54.00	11.36	Vertical
2	5455.41	27.97	33.01	-17.65	43.33	54.00	10.67	Vertical

11ac(VHT40)_TX_CH_134_Horizontal_Peak



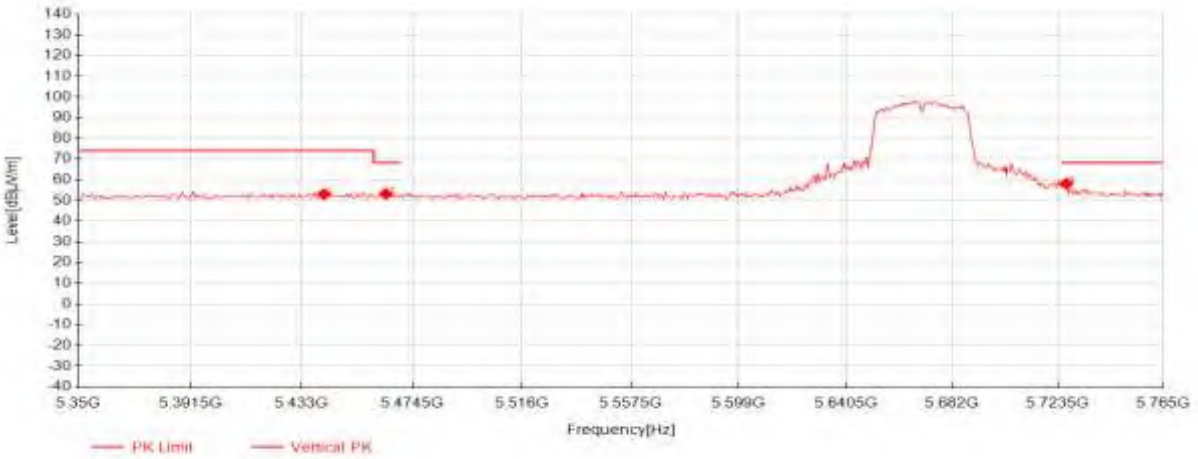
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5445.035	38.18	33.01	-17.68	53.51	74.00	20.49	Horizontal
2	5463.295	37.55	33.01	-17.63	52.93	68.20	15.27	Horizontal
3	5730.555	47.82	33.69	-17.24	64.28	68.20	3.92	Horizontal

11ac(VHT40)_TX_CH_134_Horizontal_Average



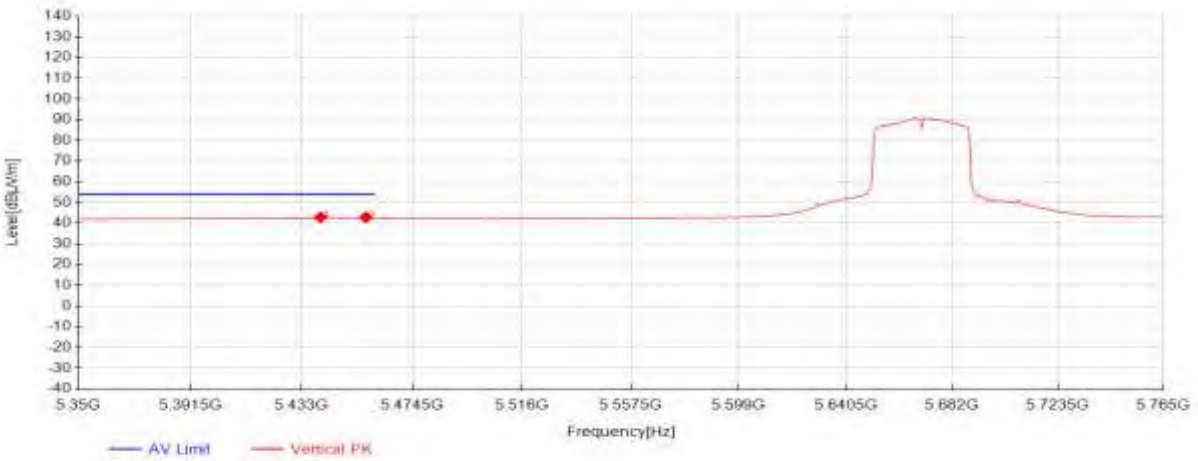
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5433.415	27.44	33.01	-17.72	42.73	54.00	11.27	Horizontal
2	5456.655	27.32	33.01	-17.65	42.68	54.00	11.32	Horizontal

11ac(VHT40)_TX_CH_134_Vertical_Peak



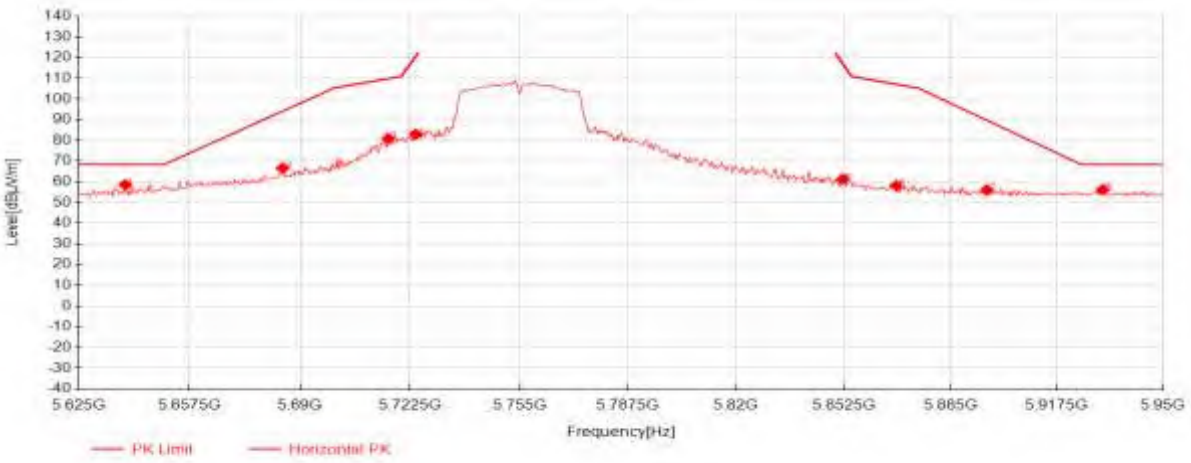
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5441.3	37.74	33.01	-17.70	53.06	74.00	20.94	Vertical
2	5464.54	37.89	33.01	-17.63	53.27	68.20	14.93	Vertical
3	5726.82	41.70	33.68	-17.25	58.13	68.20	10.07	Vertical

11ac(VHT40)_TX_CH_134_Vertical_Average



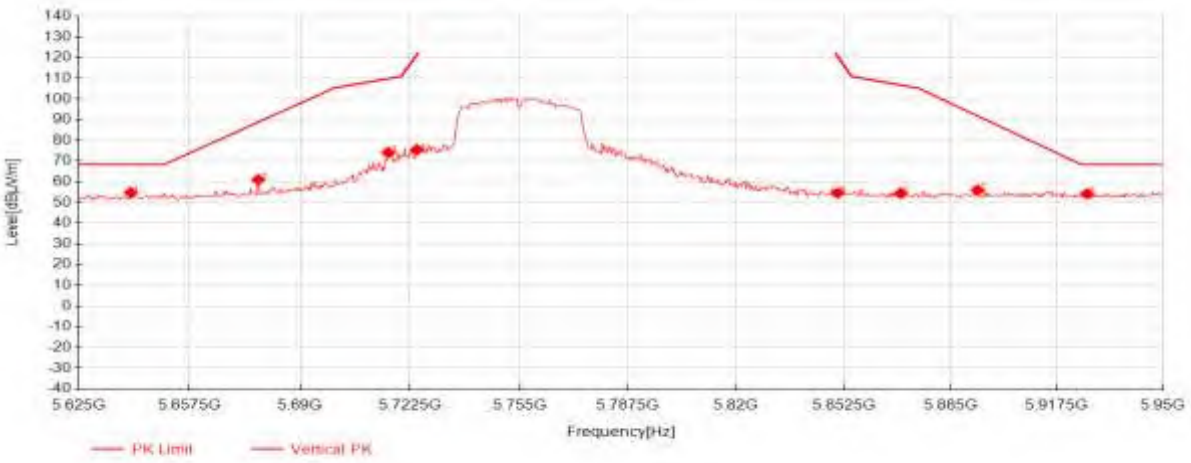
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5440.055	27.59	33.01	-17.70	42.90	54.00	11.10	Vertical
2	5457.07	27.49	33.01	-17.65	42.85	54.00	11.15	Vertical

11ac(VHT40)_TX_CH_151_Horizontal_Peak



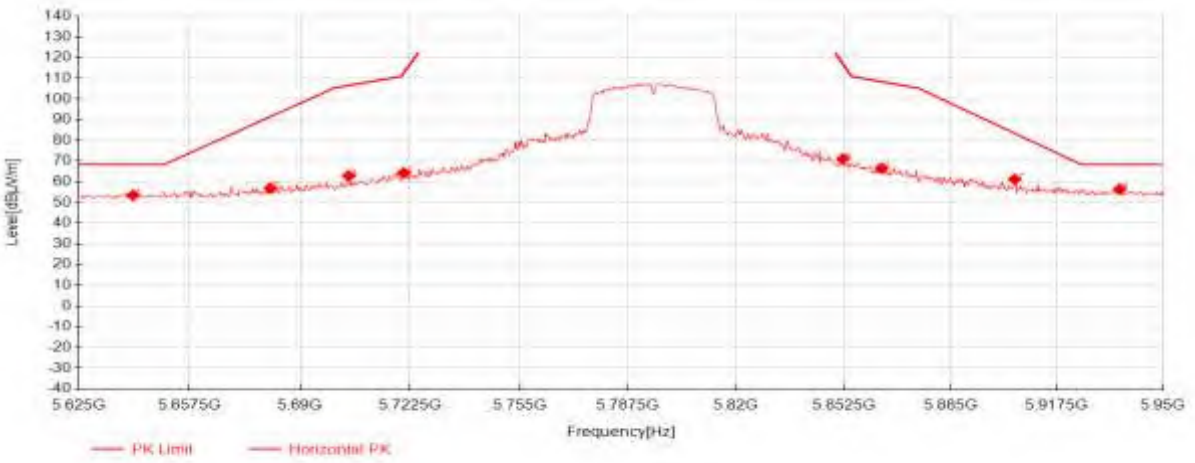
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5638.65	42.43	33.42	-17.27	58.58	68.30	9.72	Horizontal
2	5684.8	50.29	33.55	-17.31	66.53	94.09	27.56	Horizontal
3	5716	64.61	33.65	-17.28	80.98	109.78	28.80	Horizontal
4	5724.125	66.54	33.67	-17.26	82.96	120.31	37.35	Horizontal
5	5852.175	44.09	34.06	-16.91	61.24	117.34	56.10	Horizontal
6	5868.425	40.89	34.11	-16.88	58.12	107.14	49.02	Horizontal
7	5896.05	38.64	34.19	-16.82	56.01	89.68	33.67	Horizontal
8	5931.475	38.80	34.29	-16.91	56.19	68.30	12.11	Horizontal

11ac(VHT40)_TX_CH_151_Vertical_Peak



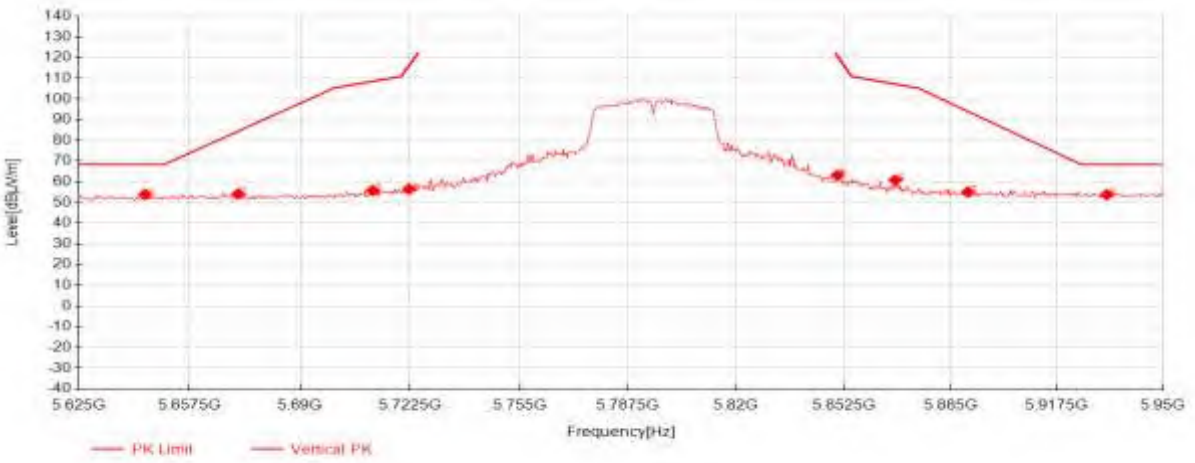
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5640.275	38.61	33.42	-17.27	54.76	68.30	13.54	Vertical
2	5677.65	44.79	33.53	-17.31	61.02	88.80	27.78	Vertical
3	5716	57.79	33.65	-17.28	74.16	109.78	35.62	Vertical
4	5724.45	59.05	33.67	-17.25	75.47	121.05	45.58	Vertical
5	5850.55	37.44	34.05	-16.91	54.58	121.05	66.47	Vertical
6	5869.725	37.24	34.11	-16.87	54.48	106.78	52.30	Vertical
7	5893.125	38.67	34.18	-16.82	56.02	91.85	35.83	Vertical
8	5926.6	36.77	34.28	-16.89	54.16	68.30	14.14	Vertical

11ac(VHT40)_TX_CH_159_Horizontal_Peak



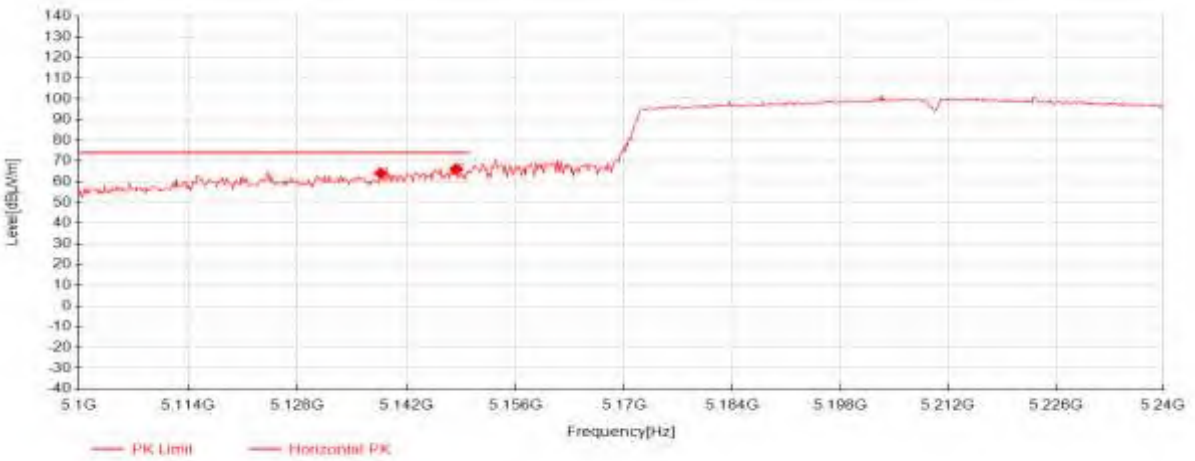
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5640.925	37.36	33.42	-17.27	53.51	68.30	14.79	Horizontal
2	5681.225	40.71	33.54	-17.31	56.94	91.44	34.50	Horizontal
3	5704.3	46.56	33.61	-17.32	62.86	106.51	43.65	Horizontal
4	5720.55	47.86	33.66	-17.27	64.26	112.15	47.89	Horizontal
5	5852.175	53.86	34.06	-16.91	71.01	117.34	46.33	Horizontal
6	5863.875	49.32	34.09	-16.89	66.53	108.41	41.88	Horizontal
7	5904.5	43.84	34.21	-16.82	61.23	83.43	22.20	Horizontal
8	5936.675	38.95	34.31	-16.92	56.34	68.30	11.96	Horizontal

11ac(VHT40)_TX_CH_159_Vertical_Peak



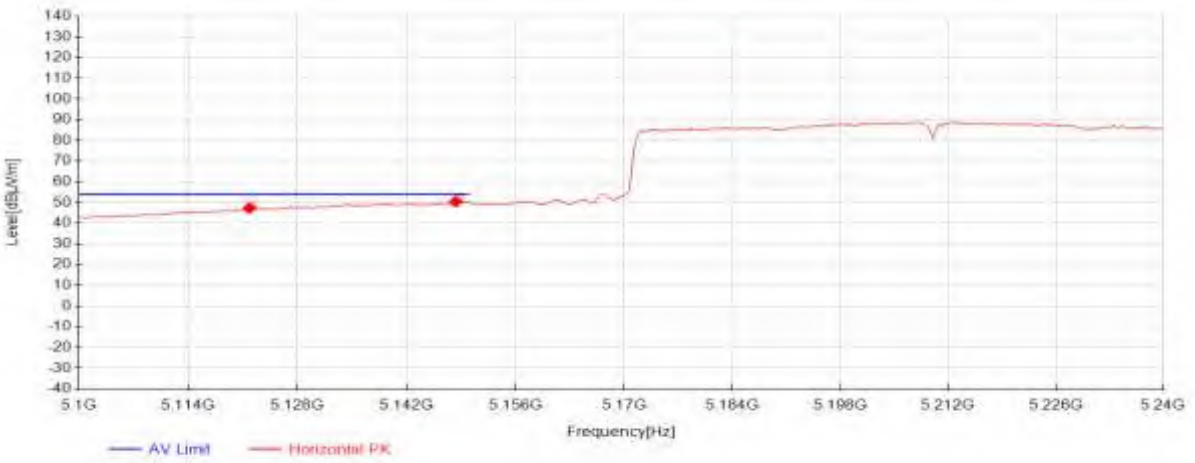
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5644.5	37.74	33.43	-17.27	53.90	68.30	14.40	Vertical
2	5671.8	37.96	33.52	-17.30	54.17	84.47	30.30	Vertical
3	5711.45	39.49	33.63	-17.29	55.83	108.51	52.68	Vertical
4	5722.175	40.03	33.67	-17.26	56.44	115.86	59.42	Vertical
5	5850.55	46.05	34.05	-16.91	63.19	121.05	57.86	Vertical
6	5868.1	43.57	34.10	-16.88	60.80	107.23	46.43	Vertical
7	5890.2	37.75	34.17	-16.83	55.09	94.02	38.93	Vertical
8	5932.775	36.42	34.30	-16.91	53.81	68.30	14.49	Vertical

11ac(VHT80)_TX_CH_42_Horizontal_Peak



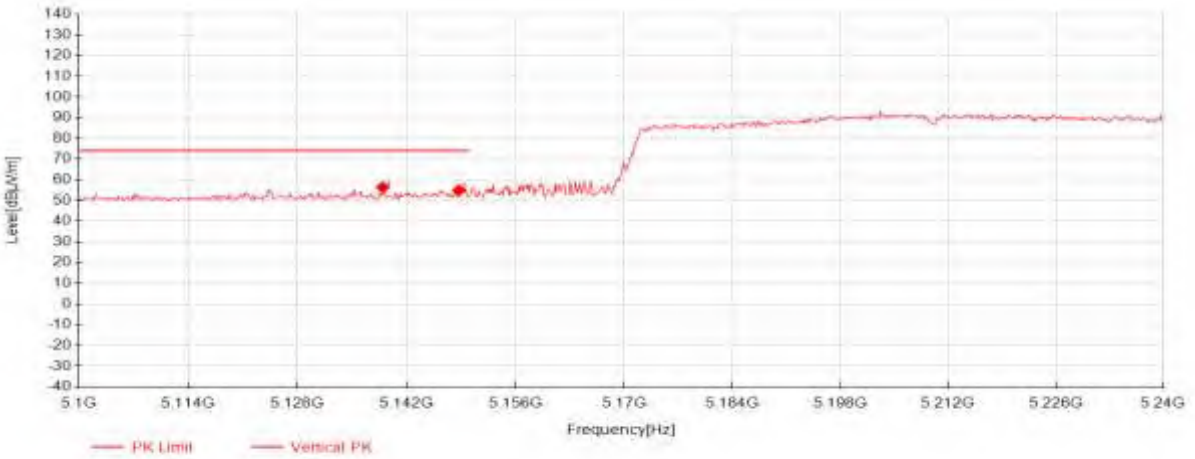
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5138.64	49.30	33.07	-18.21	64.16	74.00	9.84	Horizontal
2	5148.3	51.29	33.07	-18.19	66.18	74.00	7.82	Horizontal

11ac(VHT80)_TX_CH_42_Horizontal_Average



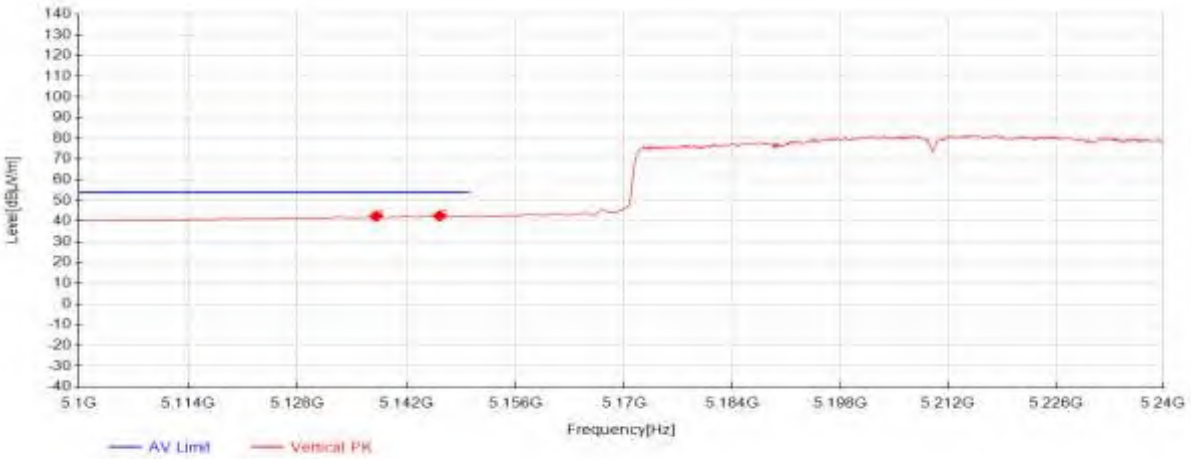
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5121.84	32.49	33.08	-18.26	47.30	54.00	6.70	Horizontal
2	5148.3	35.54	33.07	-18.19	50.43	54.00	3.57	Horizontal

11ac(VHT80)_TX_CH_42_Vertical_Peak



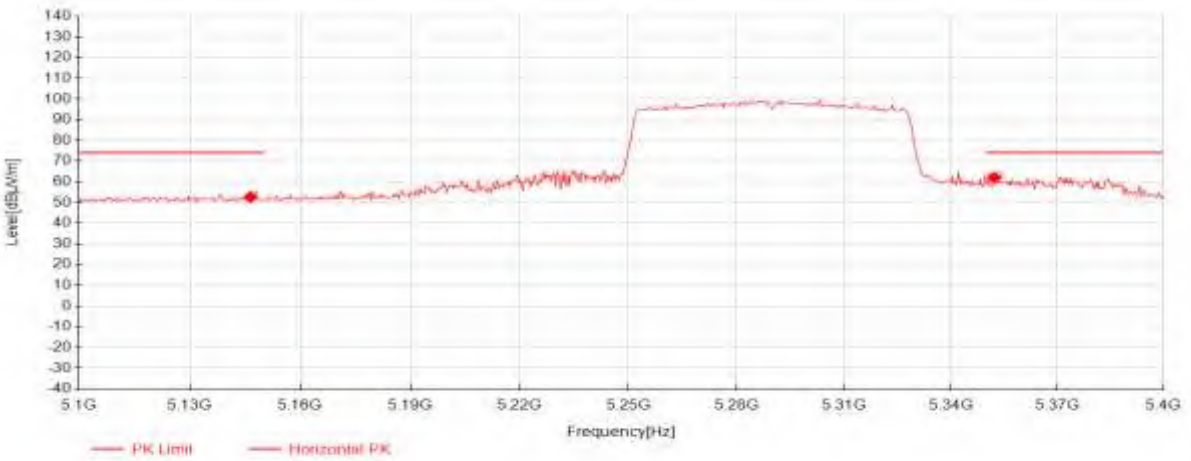
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5138.92	41.52	33.07	-18.21	56.38	74.00	17.62	Vertical
2	5148.72	40.08	33.07	-18.18	54.97	74.00	19.03	Vertical

11ac(VHT80)_TX_CH_42_Vertical_Average



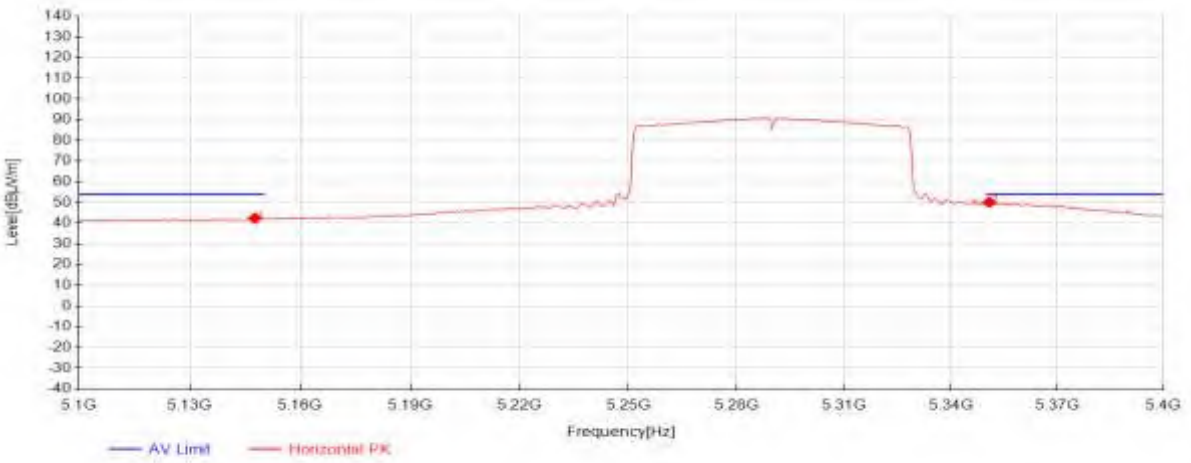
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5138.08	27.61	33.07	-18.22	42.47	54.00	11.53	Vertical
2	5146.2	27.72	33.07	-18.19	42.60	54.00	11.40	Vertical

11ac(VHT80)_TX_CH_58_Horizontal_Peak



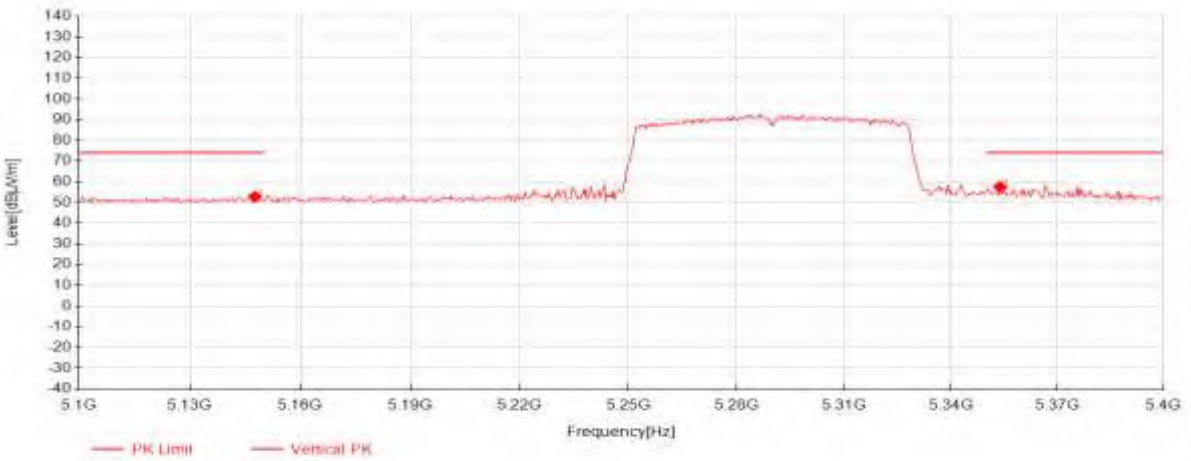
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5146.5	37.81	33.07	-18.19	52.69	74.00	21.31	Horizontal
2	5352.3	46.88	33.03	-17.75	62.16	74.00	11.84	Horizontal

11ac(VHT80)_TX_CH_58_Horizontal_Average



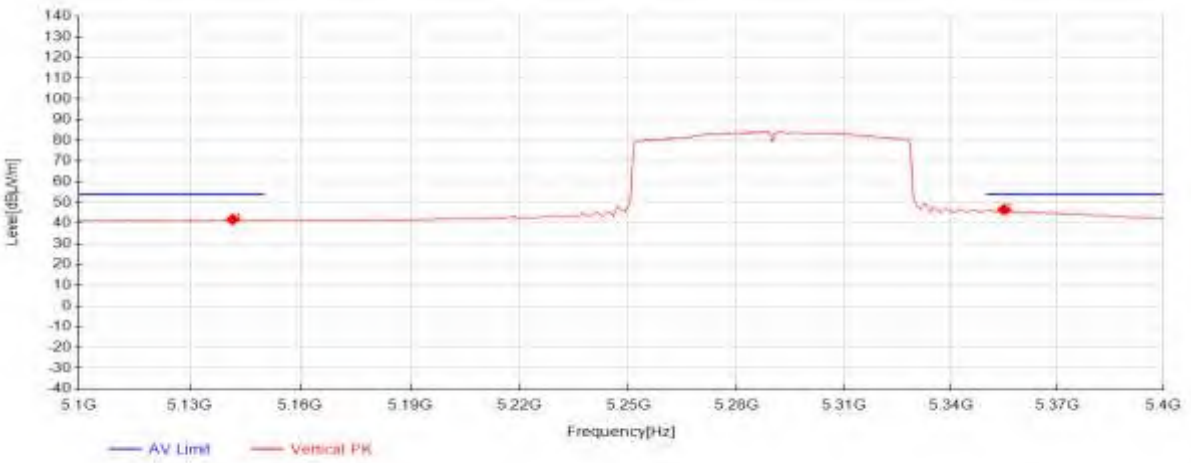
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5147.7	27.55	33.07	-18.19	42.43	54.00	11.57	Horizontal
2	5350.8	34.86	33.03	-17.75	50.14	54.00	3.86	Horizontal

11ac(VHT80)_TX_CH_58_Vertical_Peak



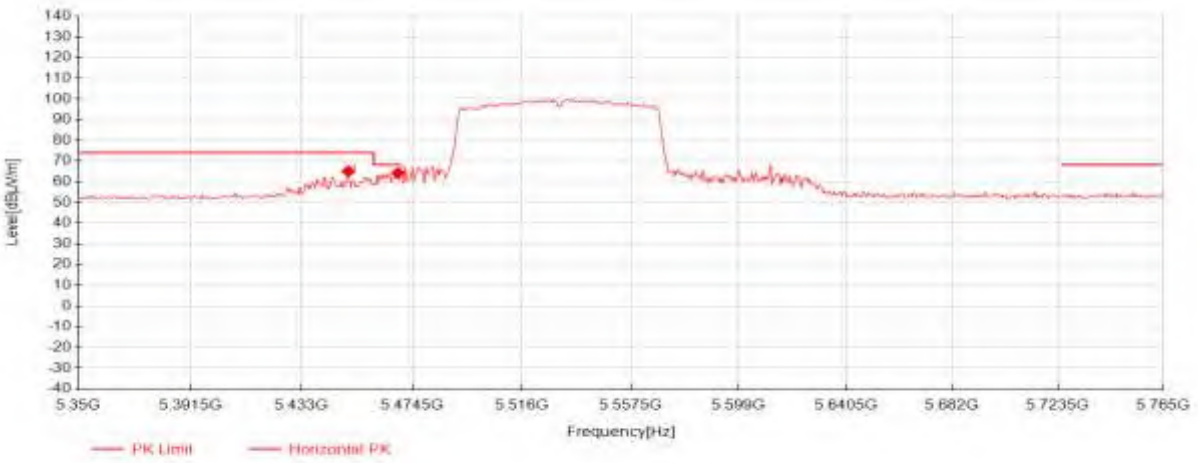
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5147.7	37.96	33.07	-18.19	52.84	74.00	21.16	Vertical
2	5353.8	42.27	33.03	-17.76	57.54	74.00	16.46	Vertical

11ac(VHT80)_TX_CH_58_Vertical_Average



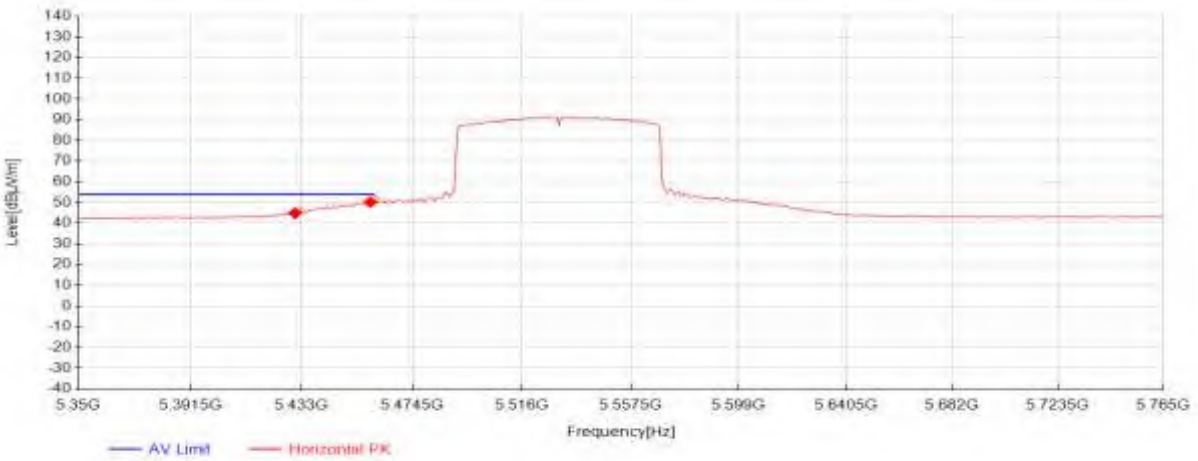
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5141.7	26.94	33.07	-18.20	41.81	54.00	12.19	Vertical
2	5355	31.27	33.03	-17.76	46.54	54.00	7.46	Vertical

11ac(VHT80)_TX_CH_106_Horizontal_Peak



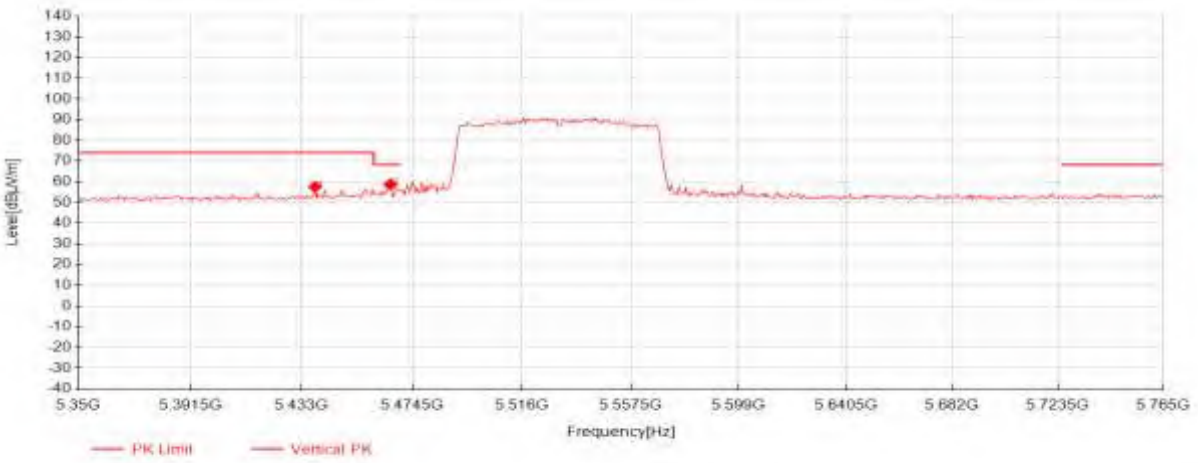
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5450.43	49.74	33.01	-17.67	65.08	74.00	8.92	Horizontal
2	5469.105	48.87	33.01	-17.61	64.26	68.20	3.94	Horizontal

11ac(VHT80)_TX_CH_106_Horizontal_Average



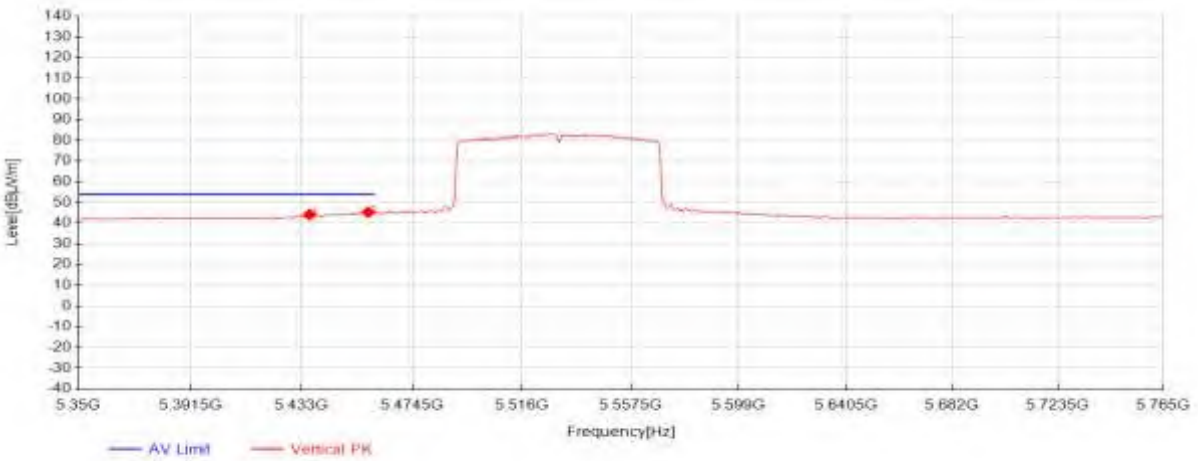
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5430.51	29.60	33.01	-17.73	44.89	54.00	9.11	Horizontal
2	5458.73	34.81	33.01	-17.64	50.17	54.00	3.83	Horizontal

11ac(VHT80)_TX_CH_106_Vertical_Peak



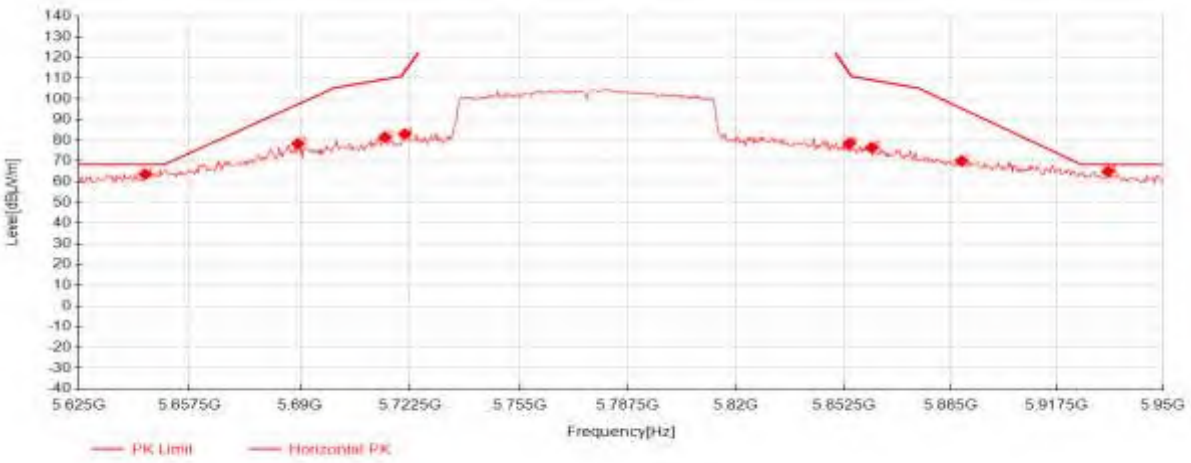
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5437.98	42.24	33.01	-17.71	57.55	74.00	16.45	Vertical
2	5466.2	43.35	33.01	-17.62	58.74	68.20	9.46	Vertical

11ac(VHT80)_TX_CH_106_Vertical_Average



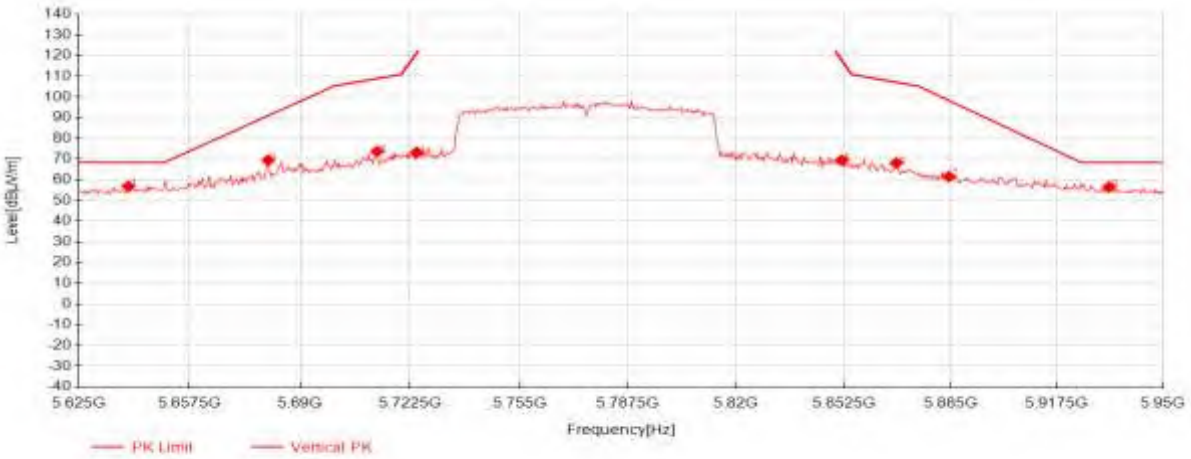
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5435.905	28.85	33.01	-17.71	44.15	54.00	9.85	Vertical
2	5457.9	29.93	33.01	-17.65	45.29	54.00	8.71	Vertical

11ac(VHT80)_TX_CH_155_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5644.5	47.57	33.43	-17.27	63.73	68.30	4.57	Horizontal
2	5689.35	62.18	33.57	-17.32	78.43	97.45	19.02	Horizontal
3	5715.025	65.22	33.65	-17.28	81.58	109.51	27.93	Horizontal
4	5720.875	66.63	33.66	-17.27	83.03	112.90	29.87	Horizontal
5	5854.125	61.42	34.06	-16.91	78.58	112.89	34.31	Horizontal
6	5860.95	59.41	34.08	-16.89	76.60	109.23	32.63	Horizontal
7	5888.25	52.76	34.16	-16.83	70.09	95.46	25.37	Horizontal
8	5933.1	47.62	34.30	-16.91	65.01	68.30	3.29	Horizontal

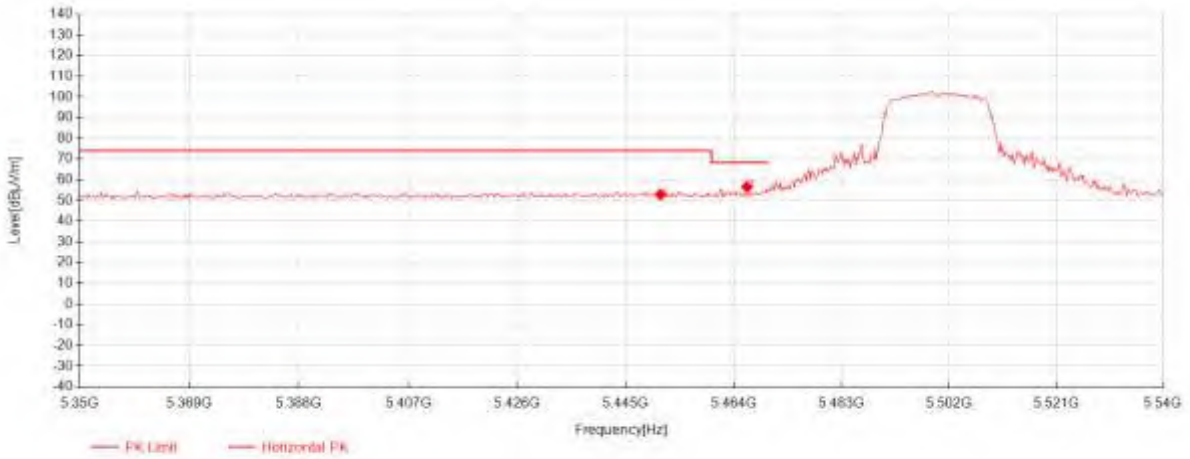
11ac(VHT80)_TX_CH_155_Vertical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5639.625	40.75	33.42	-17.27	56.90	68.30	11.40	Vertical
2	5680.575	53.23	33.54	-17.31	69.46	90.96	21.50	Vertical
3	5712.75	57.38	33.64	-17.29	73.73	108.87	35.14	Vertical
4	5724.45	56.81	33.67	-17.25	73.23	121.05	47.82	Vertical
5	5851.85	52.31	34.06	-16.91	69.45	118.08	48.63	Vertical
6	5868.425	50.86	34.11	-16.88	68.09	107.14	39.05	Vertical
7	5884.35	44.22	34.15	-16.84	61.53	98.36	36.83	Vertical
8	5933.425	39.13	34.30	-16.91	56.52	68.30	11.78	Vertical

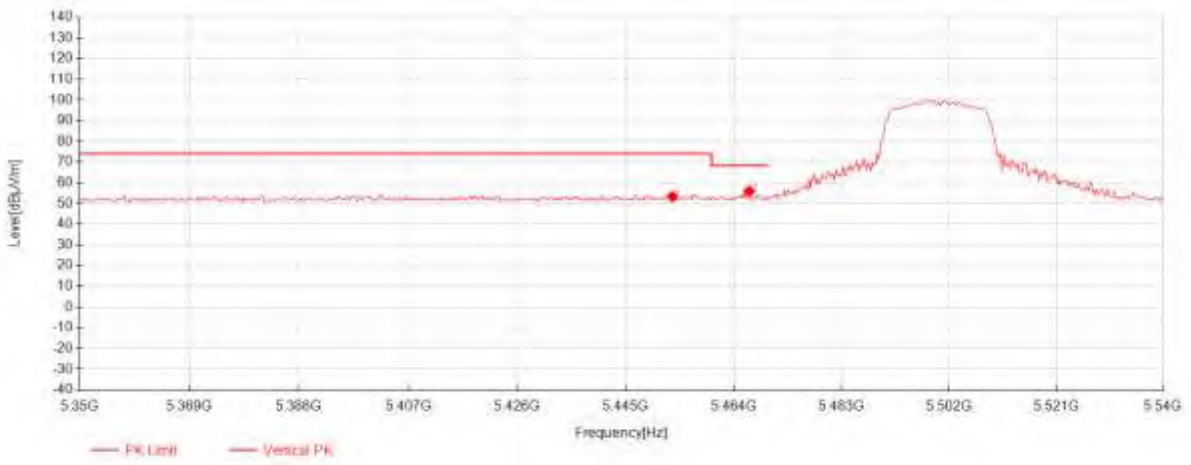
Spot check worst mode_Sample 2

11ac(VHT20)_TX_CH_100_ Horizontal_Peak



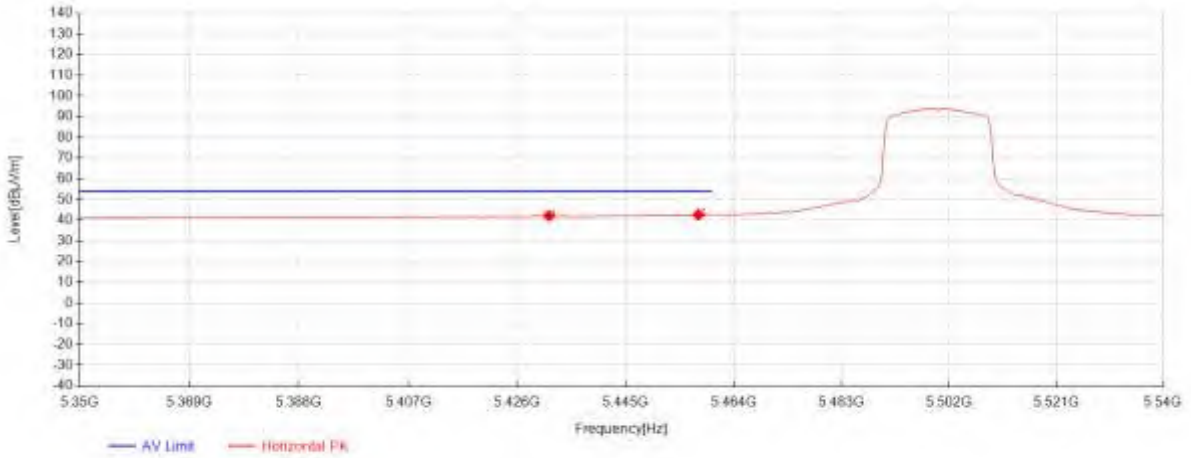
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5451.08	37.61	33.01	-17.67	52.95	74.00	21.05	Horizontal
2	5466.28	41.25	33.01	-17.62	56.64	68.30	11.66	Horizontal

11ac(VHT20)_TX_CH_100_ Vertical_Peak



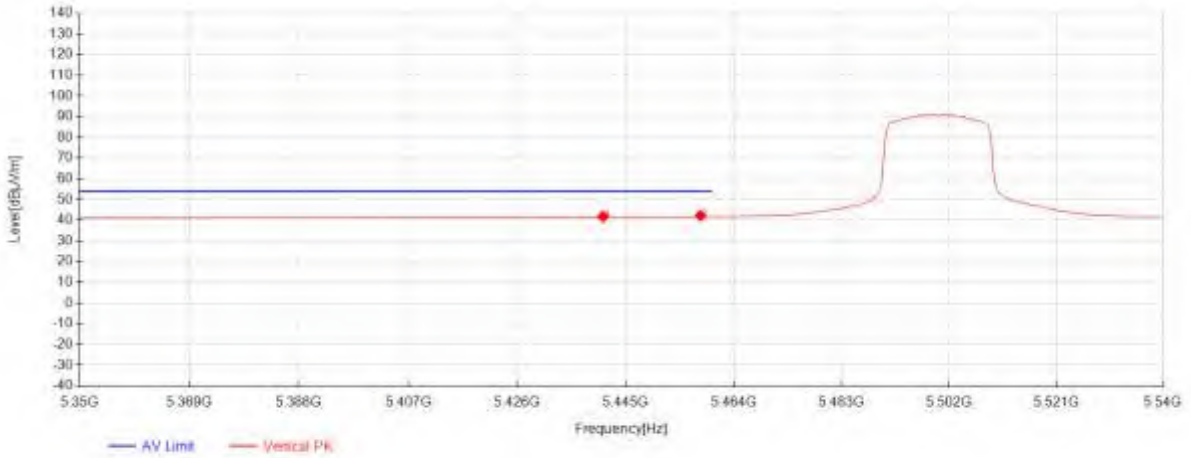
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5453.17	38.00	33.01	-17.66	53.35	74.00	20.65	Vertical
2	5466.66	40.50	33.01	-17.62	55.89	68.30	12.41	Vertical

11ac(VHT20)_TX_CH_100_Horizontal_Average



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5431.51	26.87	33.01	-17.73	42.16	54.00	11.84	Horizontal
2	5457.73	27.27	33.01	-17.65	42.63	54.00	11.37	Horizontal

11ac(VHT20)_TX_CH_100_Vertical_Average



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5441.01	26.54	33.01	-17.70	41.85	54.00	12.15	Vertical
2	5458.11	26.88	33.01	-17.65	42.24	54.00	11.76	Vertical

7.5 Duty Cycle

Test Requirement ANSI C63.10 (2020) Section 12.2
Test Method: ANSI C63.10 (2020) Section 12.2

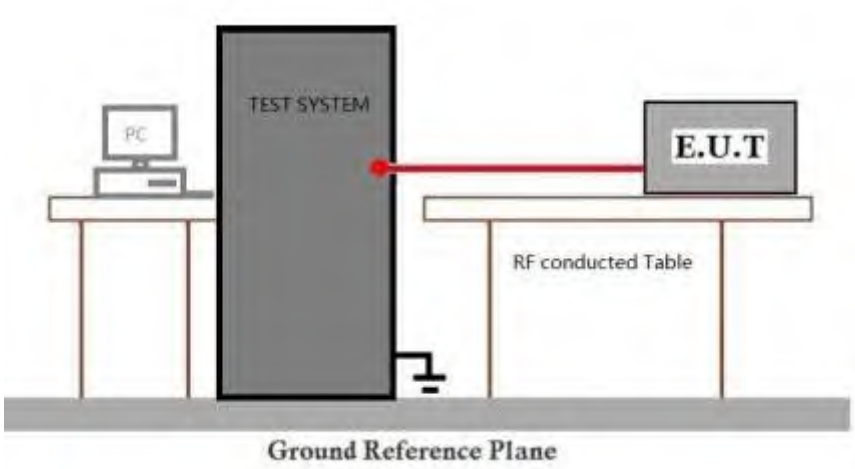
7.5.1 E.U.T. Operation

Operating Environment:
Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.6 99% Bandwidth

Test Requirement ANSI C63.10 (2020) Section 12.5.3
Test Method: ANSI C63.10 (2020) Section 12.5.3

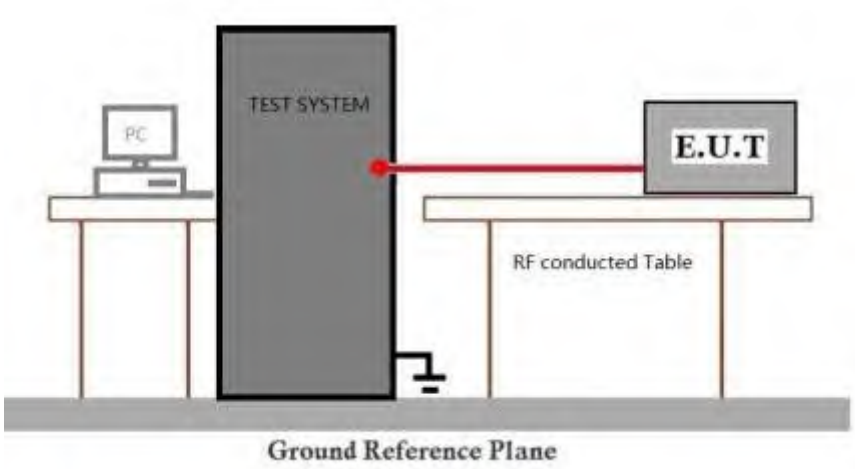
7.6.1 E.U.T. Operation

Operating Environment:
Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 26dB Emission Bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2020) Section 12.5.2

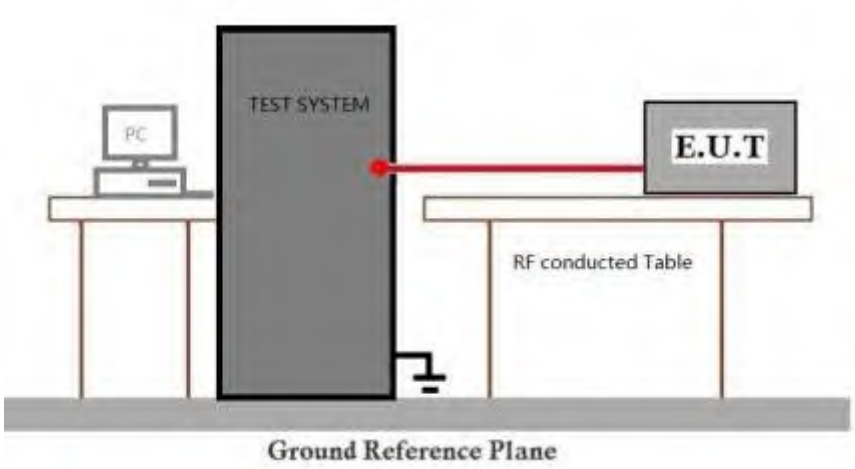
7.7.1 E.U.T. Operation

Operating Environment:
Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 Minimum 6 dB Bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: ANSI C63.10 (2020) Section 12.5.1

Limit:

Frequency band(MHz)	Limit
5725-5850	⩾500 kHz

7.8.1 E.U.T. Operation

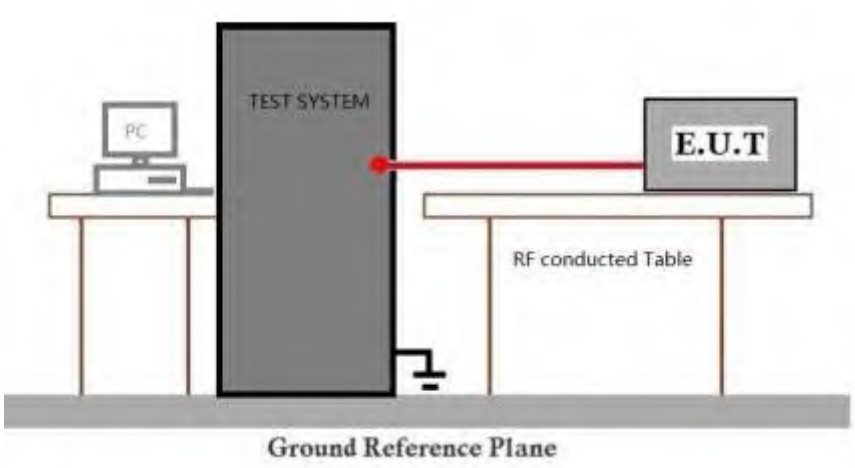
Operating Environment:

Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 Maximum Conducted Output Power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.4

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.9.1 E.U.T. Operation

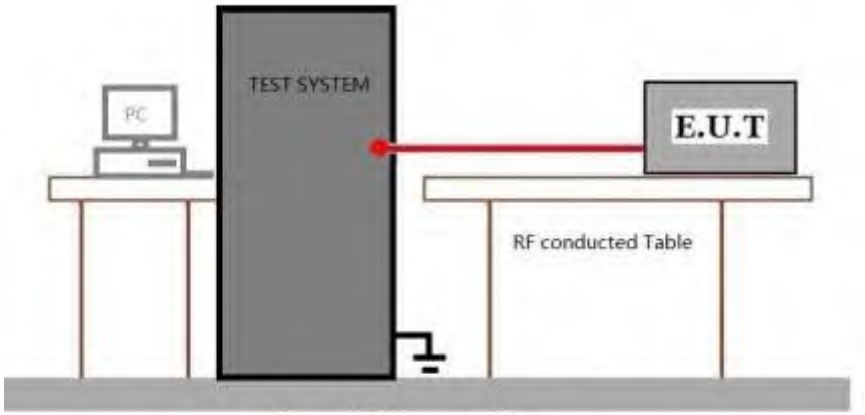
Operating Environment:

Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level +Cable loss + DCCF

Please Refer to Appendix for Details

7.10 Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2020) Section 12.6

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.10.1 E.U.T. Operation

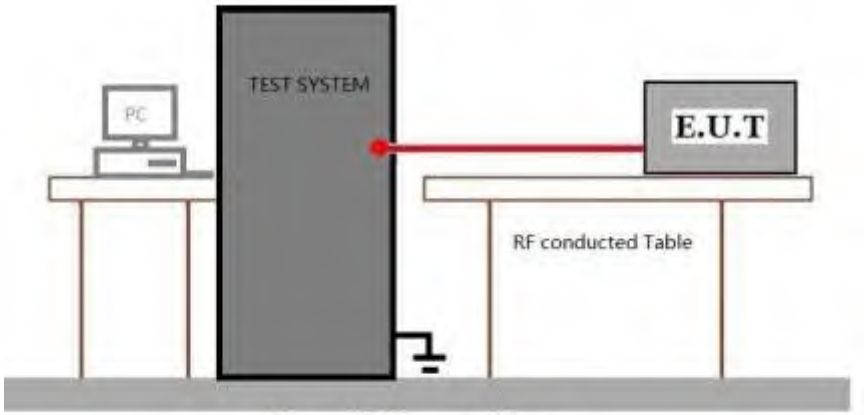
Operating Environment:

Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	08	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.
Final test	10	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested, Only the data of worst case is recorded in the report.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

Please Refer to Appendix for Details

7.11 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	Normal operating_Keep the EUT communication with the companion device.

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.12 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 22.9 °C Humidity: 55.6 % RH Atmospheric Pressure: 1001 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	Normal operating_Keep the EUT communication with the companion device.

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2601000057WM

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SUCR2601000057WM

10 Appendix

1. Signal Calibration

1.1 Test Result

1.1.1 SC

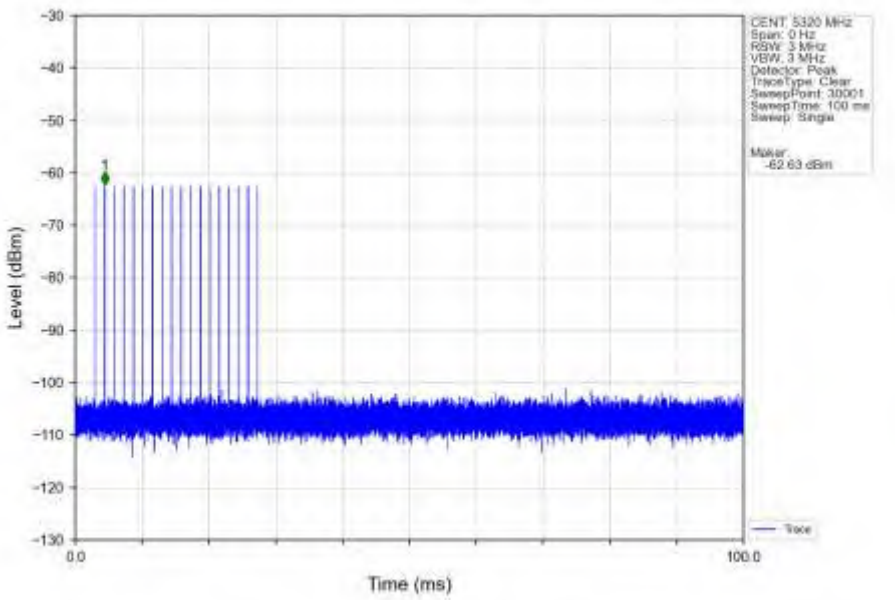
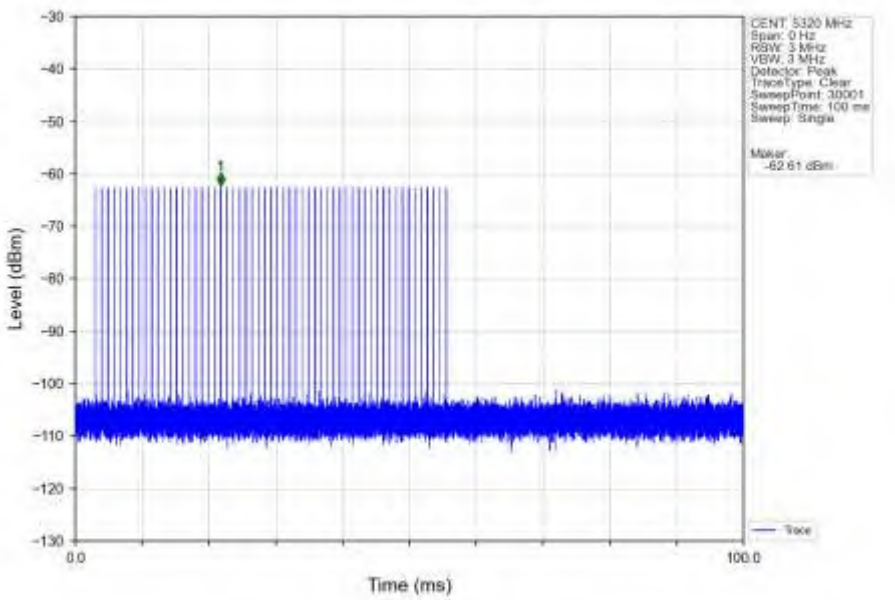
Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ac (VHT20)	20	5320	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

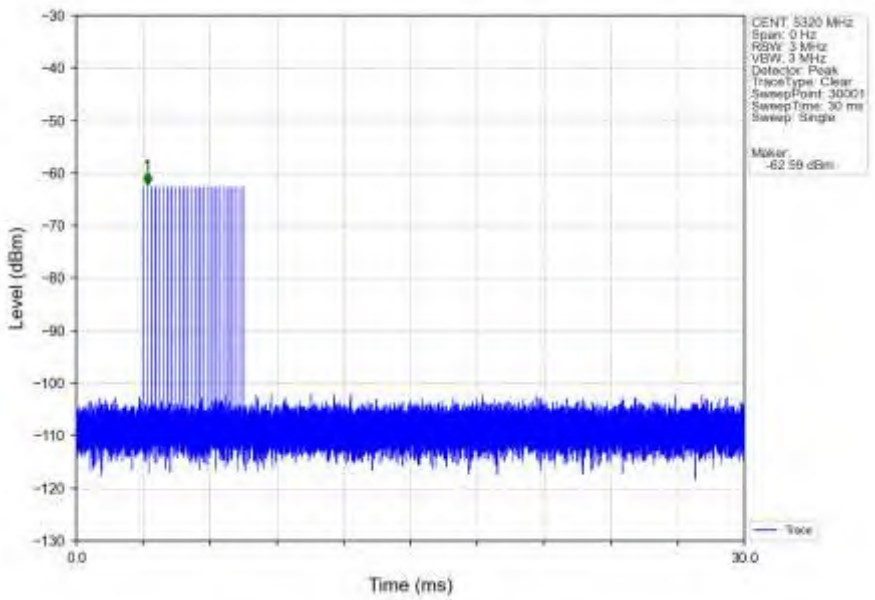
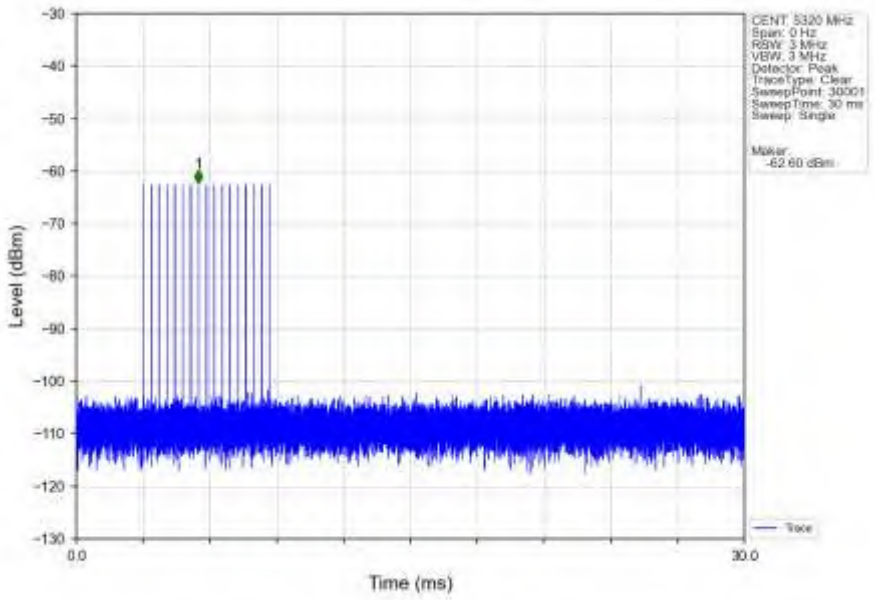
1.1.2 SC

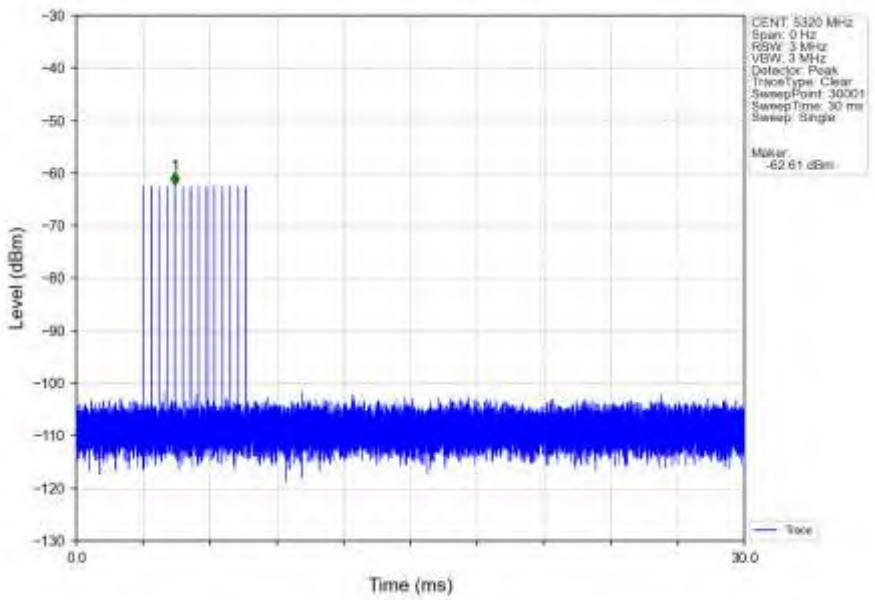
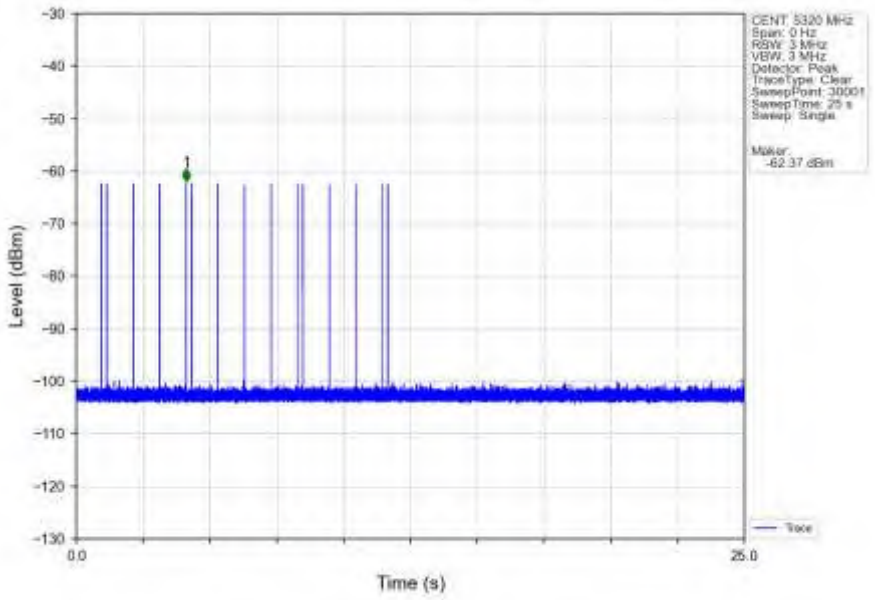
Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ac (VHT80)	80	5610	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

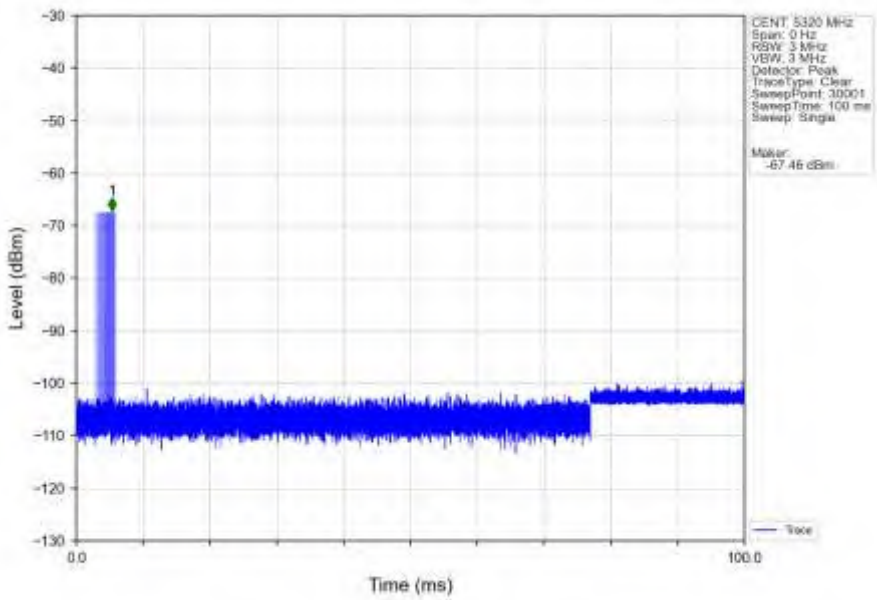
1.2 Test Graph

1.2.1 SC

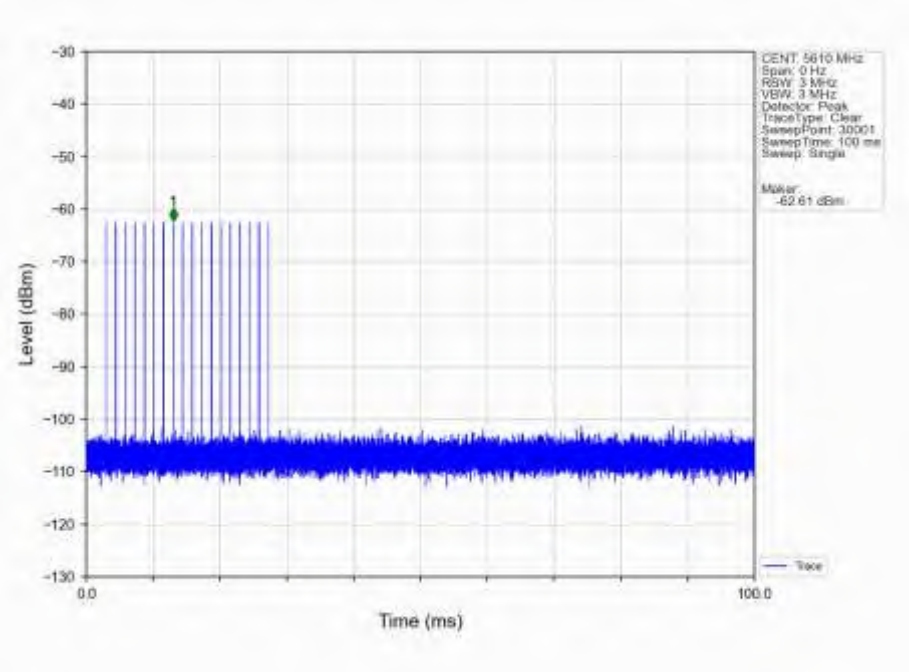
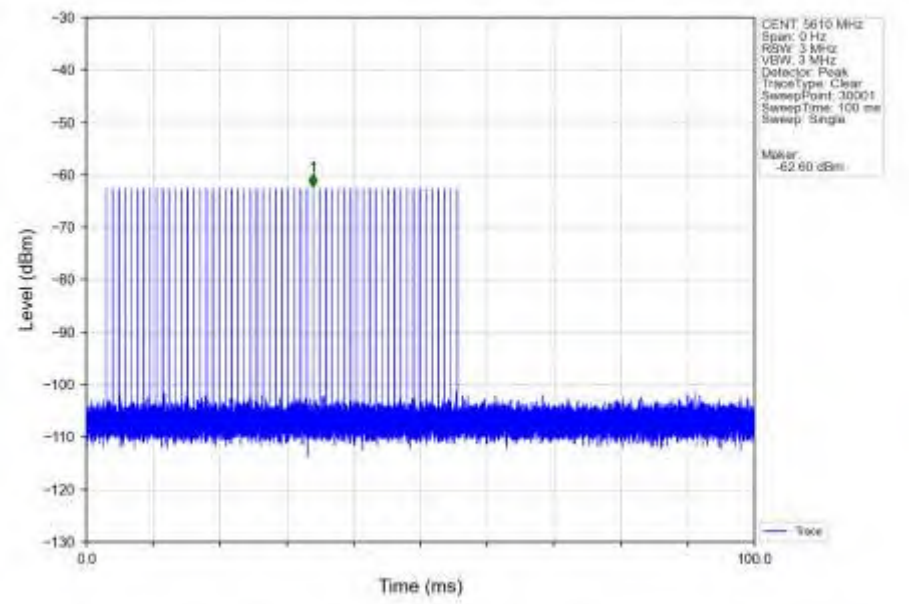
Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType0_Trial0

Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType1_Trial0


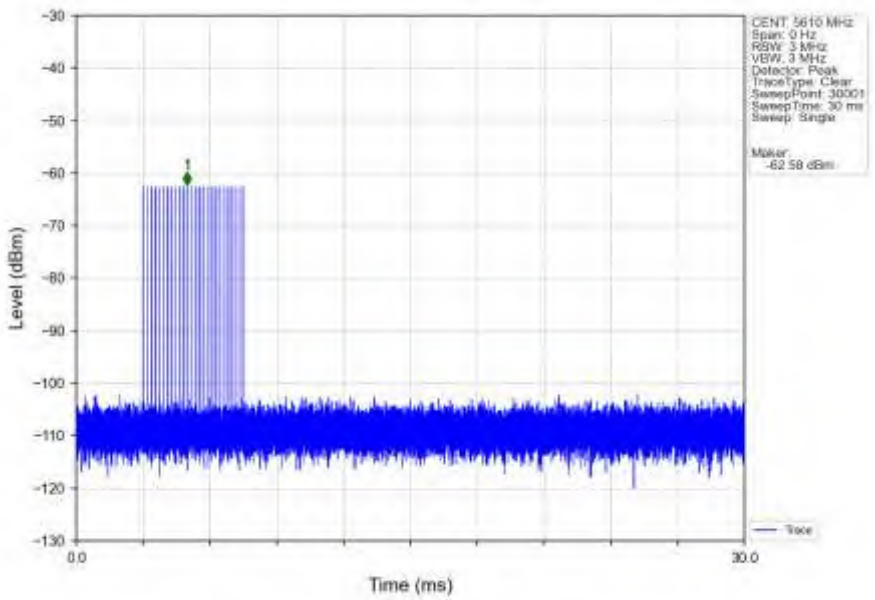
Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType2_Trial0

Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType3_Trial0


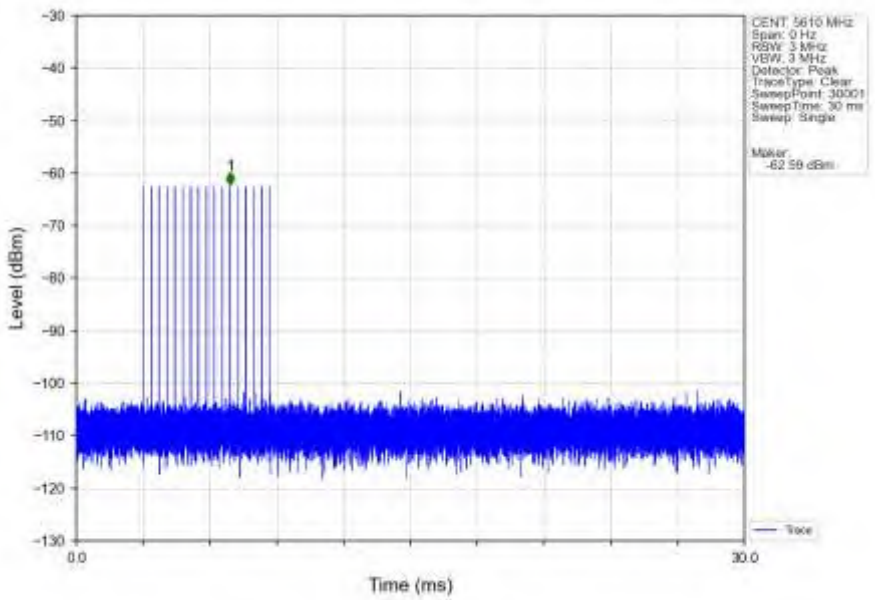
Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType4_Trial0

Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType5_Trial0


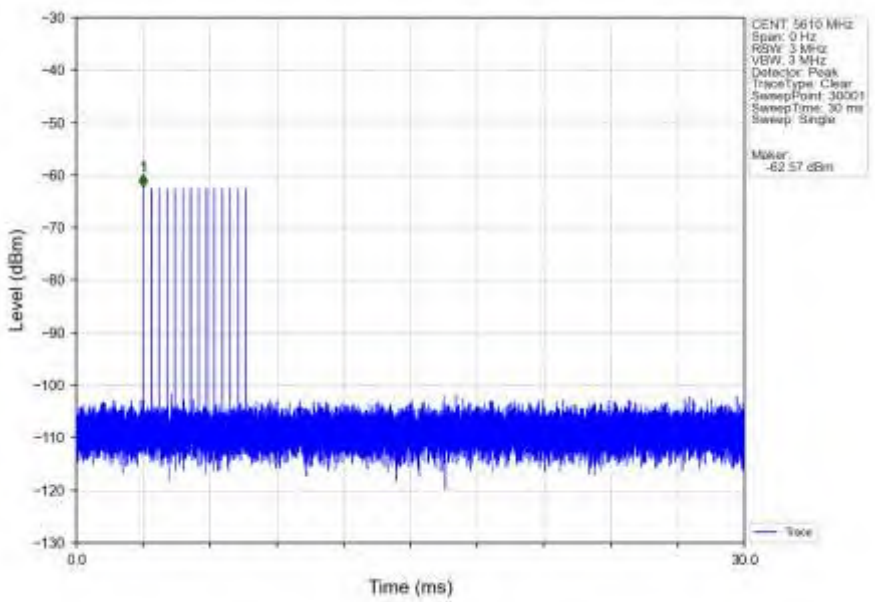
Signal Calibration_802.11ac(VHT20)_2A_5320MHz_RadarType6_Trial0


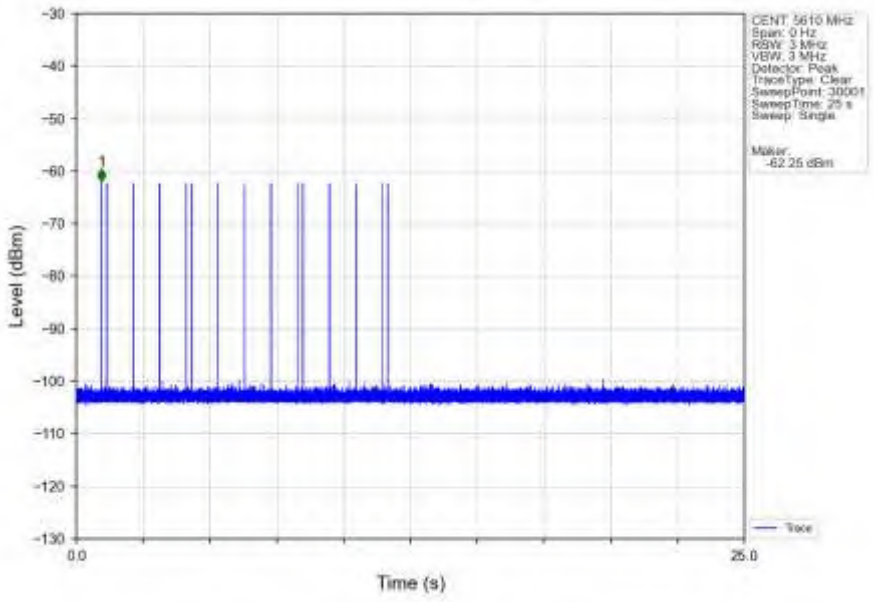
1.2.2 SC

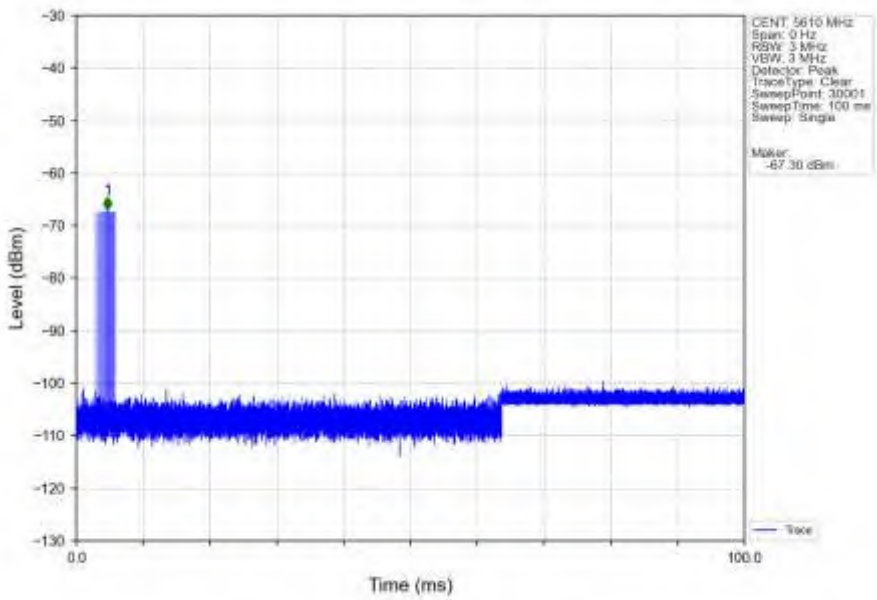
Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType0_Trial0

Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType1_Trial0


Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType2_Trial0


Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType3_Trial0


Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType4_Trial0


Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType5_Trial0


Signal Calibration_802.11ac(VHT80)_2C_5610MHz_RadarType6_Trial0


2. Channel Loading (Payload)

2.1 Test Result

2.1.1 Payload

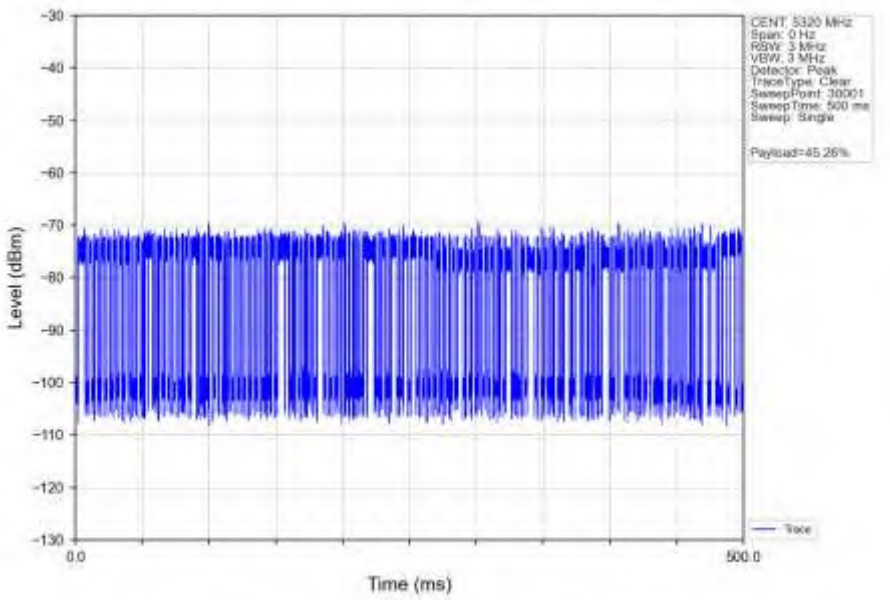
Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT20)	20	5320	45.26	>=17	Pass

2.1.2 Payload

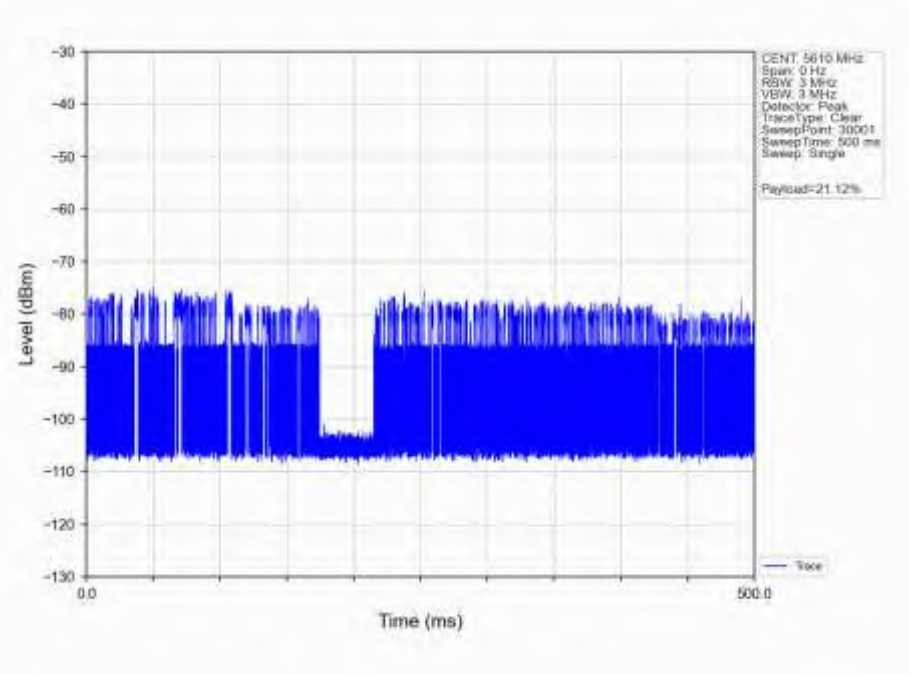
Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5610	21.12	>=17	Pass

2.2 Test Graph

2.2.1 Payload

Channel Loading (Payload)_802.11ac(VHT20)_2A_5320MHz


2.2.2 Payload

Channel Loading (Payload)_802.11ac(VHT80)_2C_5610MHz


3. Channel Move Time and Closing Transmission Time

3.1 Test Result

3.1.1 CMT_CTT

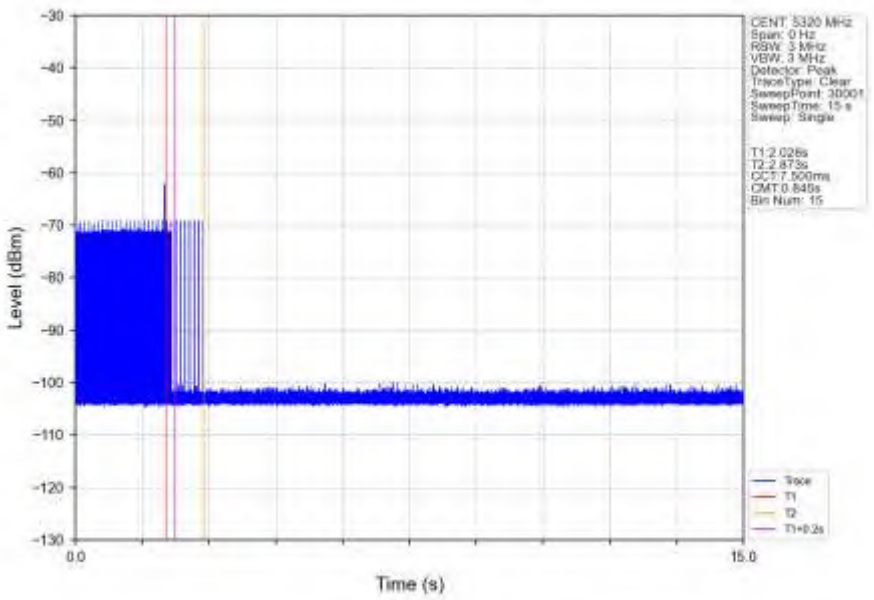
Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Closing Transmission Time (ms)		Channel Move Time (s)		Verdict
			Result	Limit	Result	Limit	
802.11ac (VHT20)	20	5320	7.500	<= 60	0.845	<=10	Pass

3.1.2 CMT_CTT

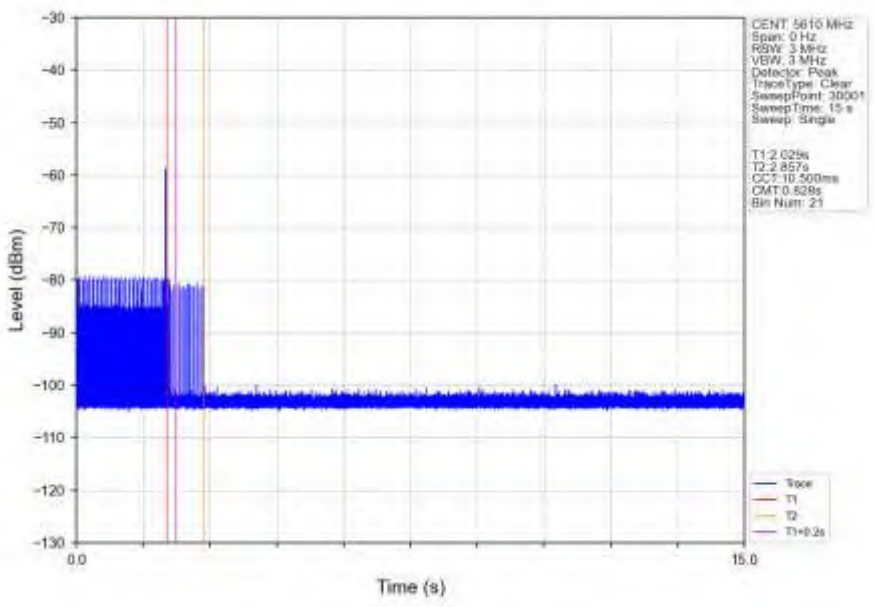
Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Closing Transmission Time (ms)		Channel Move Time (s)		Verdict
			Result	Limit	Result	Limit	
802.11ac (VHT80)	80	5610	10.500	<= 60	0.828	<=10	Pass

3.2 Test Graph

3.2.1 CMT_CTT

Channel Move Time and Closing Transmission Time_802.11ac(VHT20)_2A_5320MHz


3.2.2 CMT_CTT

Channel Move Time and Closing Transmission Time_802.11ac(VHT80)_2C_5610MHz


4. Non-Occupancy Period

4.1 Test Result

4.1.1 Period

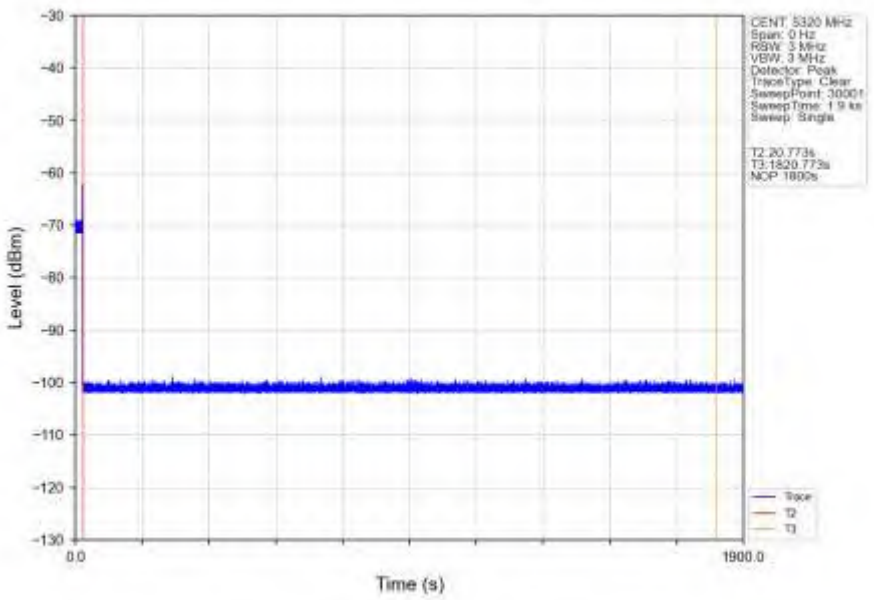
Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ac (VHT20)	20	5320	Refer To Test Graph		Pass

4.1.2 Period

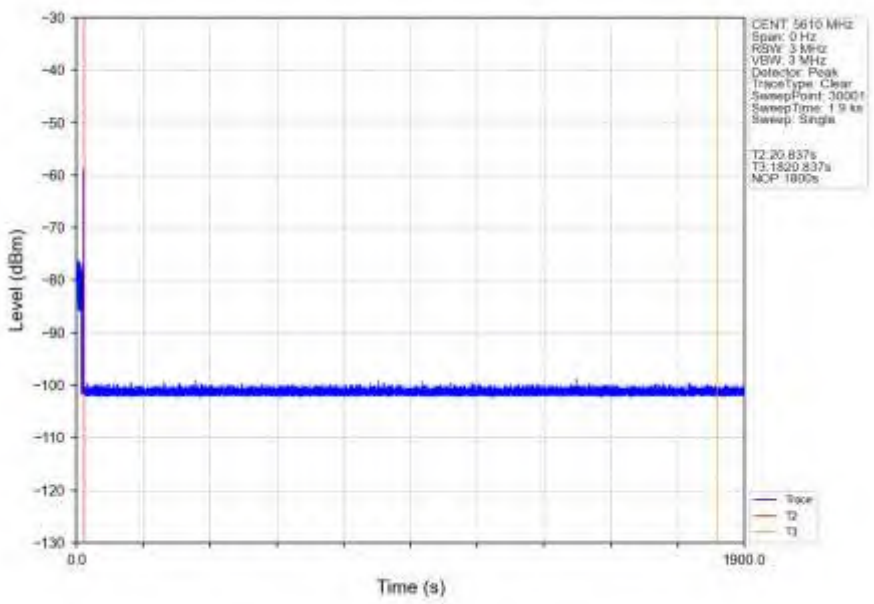
Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5610	Refer To Test Graph		Pass

4.2 Test Graph

4.2.1 Period

Non-Occupancy Period_802.11ac(VHT20)_2A_5320MHz


4.2.2 Period

Non-Occupancy Period_802.11ac(VHT80)_2C_5610MHz


1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.394	1.427	97.69	0.10	0.03
802.11n (HT20)	SISO	5180	1.302	1.335	97.53	0.11	0.03
802.11n (HT40)	SISO	5190	0.648	0.683	94.88	0.23	0.04
802.11ac (VHT20)	SISO	5180	1.315	1.348	97.55	0.11	0.03
802.11ac (VHT40)	SISO	5190	0.653	0.687	95.05	0.22	0.03
802.11ac (VHT80)	SISO	5210	0.326	0.395	82.53	0.83	8.28

2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.584	/	Pass
		5200	1	17.239	/	Pass
		5240	1	17.357	/	Pass
		5260	1	17.326	/	Pass
		5300	1	17.212	/	Pass
		5320	1	17.349	/	Pass
		5500	1	17.413	/	Pass
		5580	1	17.285	/	Pass
		5700	1	17.317	/	Pass
		5745	1	17.354	/	Pass
		5785	1	17.367	/	Pass
		5825	1	17.298	/	Pass
		5720	1	17.333	/	Pass
802.11n (HT20)	SISO	5180	1	18.261	/	Pass
		5200	1	18.252	/	Pass
		5240	1	18.264	/	Pass
		5260	1	18.254	/	Pass
		5300	1	18.257	/	Pass
		5320	1	18.129	/	Pass
		5500	1	18.282	/	Pass
		5580	1	18.182	/	Pass
		5700	1	18.298	/	Pass
		5745	1	18.249	/	Pass
		5785	1	18.278	/	Pass
		5825	1	18.277	/	Pass
		5720	1	18.309	/	Pass
802.11n (HT40)	SISO	5190	1	36.566	/	Pass
		5230	1	36.426	/	Pass
		5270	1	36.400	/	Pass
		5310	1	36.481	/	Pass
		5510	1	36.553	/	Pass
		5550	1	36.536	/	Pass
		5670	1	36.443	/	Pass
		5755	1	36.514	/	Pass
		5795	1	36.390	/	Pass
		5710	1	36.622	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.125	/	Pass
		5200	1	18.149	/	Pass
		5240	1	18.203	/	Pass

		5260	1	18.214	/	Pass
		5300	1	18.175	/	Pass
		5320	1	18.239	/	Pass
		5500	1	18.212	/	Pass
		5580	1	18.240	/	Pass
		5700	1	18.206	/	Pass
		5745	1	18.175	/	Pass
		5785	1	18.271	/	Pass
		5825	1	18.179	/	Pass
		5720	1	18.192	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.327	/	Pass
		5230	1	36.248	/	Pass
		5270	1	36.315	/	Pass
		5310	1	36.194	/	Pass
		5510	1	36.290	/	Pass
		5550	1	36.262	/	Pass
		5670	1	36.342	/	Pass
		5755	1	36.315	/	Pass
		5795	1	36.377	/	Pass
		5710	1	36.349	/	Pass
802.11ac (VHT80)	SISO	5210	1	75.757	/	Pass
		5290	1	75.495	/	Pass
		5530	1	75.716	/	Pass
		5610	1	75.756	/	Pass
		5775	1	75.664	/	Pass
		5690	1	75.574	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	29.502	/	Pass
		5200	1	22.816	/	Pass
		5240	1	22.444	/	Pass
		5260	1	27.554	/	Pass
		5300	1	24.373	/	Pass
		5320	1	21.477	/	Pass
		5500	1	24.435	/	Pass
		5580	1	24.317	/	Pass
		5700	1	31.790	/	Pass
		5720	1	28.579	/	Pass
802.11n (HT20)	SISO	5180	1	31.433	/	Pass
		5200	1	26.334	/	Pass
		5240	1	27.133	/	Pass
		5260	1	28.233	/	Pass
		5300	1	28.269	/	Pass
		5320	1	27.666	/	Pass
		5500	1	27.613	/	Pass

		5580	1	26.951	/	Pass
		5700	1	28.458	/	Pass
		5720	1	30.399	/	Pass
802.11n (HT40)	SISO	5190	1	66.772	/	Pass
		5230	1	67.346	/	Pass
		5270	1	68.316	/	Pass
		5310	1	65.256	/	Pass
		5510	1	66.171	/	Pass
		5550	1	67.671	/	Pass
		5670	1	68.330	/	Pass
		5710	1	68.198	/	Pass
802.11ac (VHT20)	SISO	5180	1	30.605	/	Pass
		5200	1	24.184	/	Pass
		5240	1	21.806	/	Pass
		5260	1	24.938	/	Pass
		5300	1	23.175	/	Pass
		5320	1	24.826	/	Pass
		5500	1	30.213	/	Pass
		5580	1	28.765	/	Pass
		5700	1	27.523	/	Pass
		5720	1	26.573	/	Pass
802.11ac (VHT40)	SISO	5190	1	40.624	/	Pass
		5230	1	41.179	/	Pass
		5270	1	41.302	/	Pass
		5310	1	42.031	/	Pass
		5510	1	40.956	/	Pass
		5550	1	49.993	/	Pass
		5670	1	40.807	/	Pass
		5710	1	49.637	/	Pass
802.11ac (VHT80)	SISO	5210	1	81.138	/	Pass
		5290	1	81.436	/	Pass
		5530	1	81.245	/	Pass
		5610	1	81.362	/	Pass
		5690	1	83.370	/	Pass

2.1.3 6dB BW

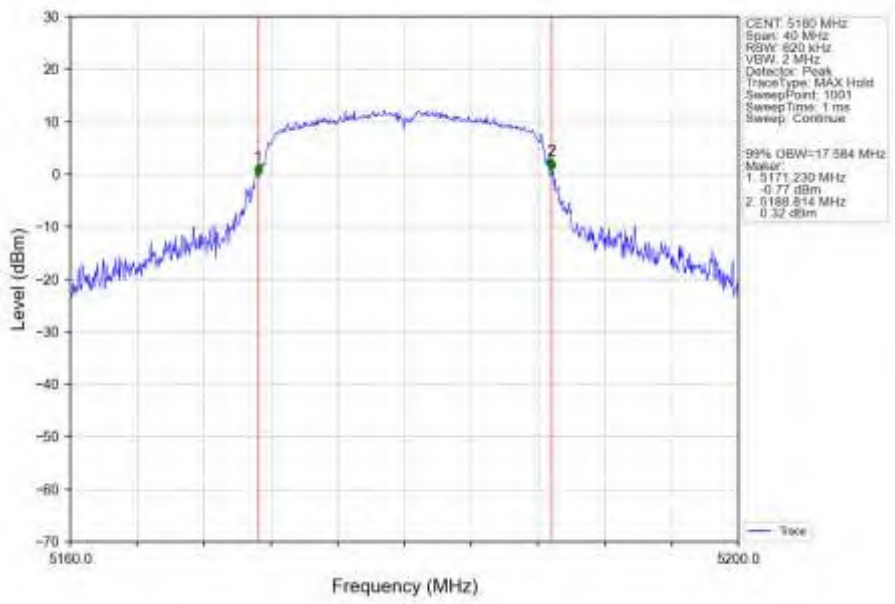
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	14.783	>=0.5	Pass
		5785	1	15.149	>=0.5	Pass
		5825	1	14.829	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	12.548	>=0.5	Pass
		5785	1	13.923	>=0.5	Pass
		5825	1	15.153	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.094	>=0.5	Pass
		5795	1	35.122	>=0.5	Pass
802.11ac	SISO	5745	1	15.005	>=0.5	Pass

(VHT20)		5785	1	15.476	>=0.5	Pass
		5825	1	15.109	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.107	>=0.5	Pass
		5795	1	35.112	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.091	>=0.5	Pass

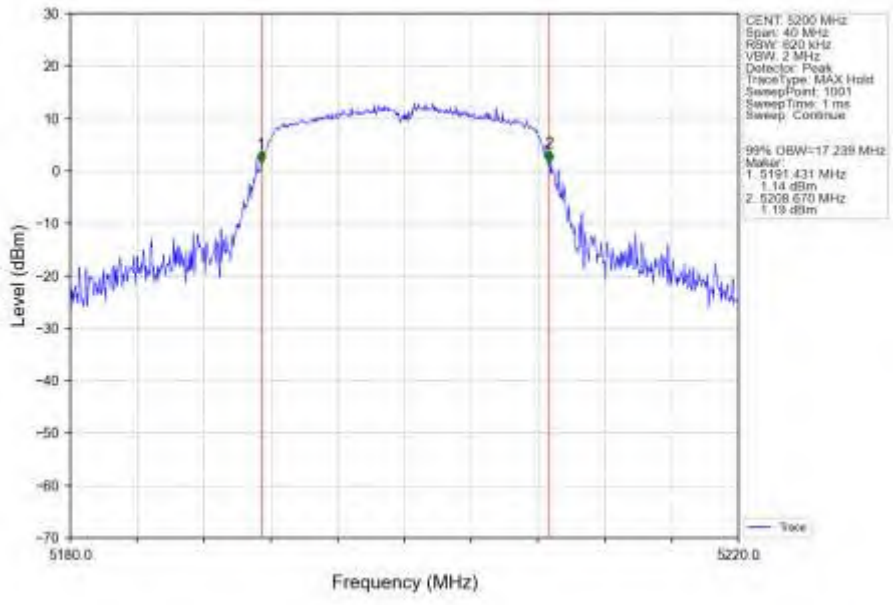
2.2 Test Graph

2.2.1 OBW

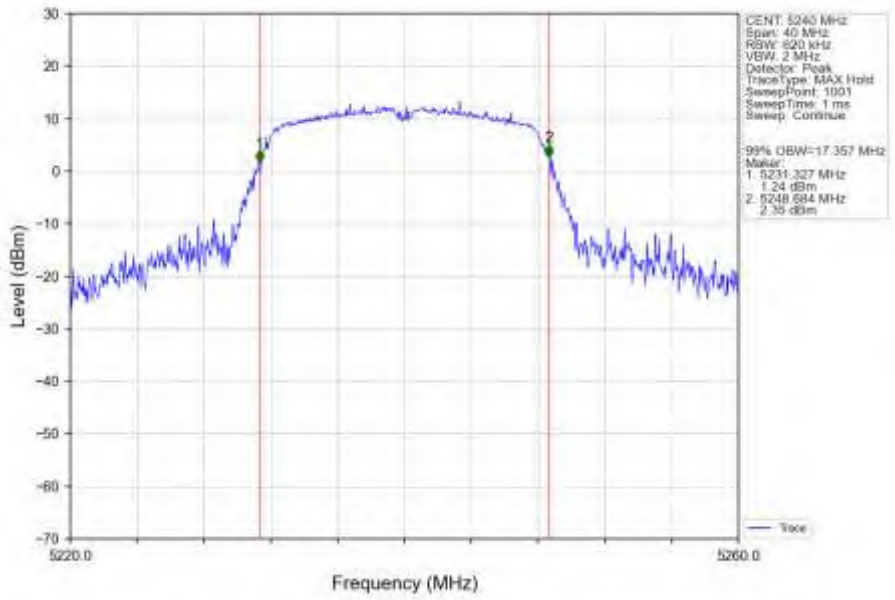
802.11a_LCH_5180MHz_Ant1_NTNV



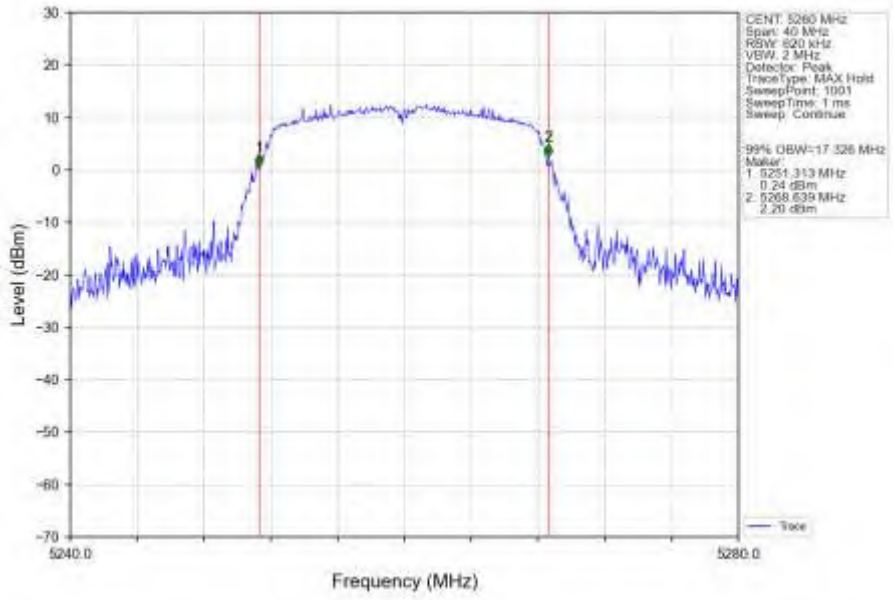
802.11a_MCH_5200MHz_Ant1_NTNV



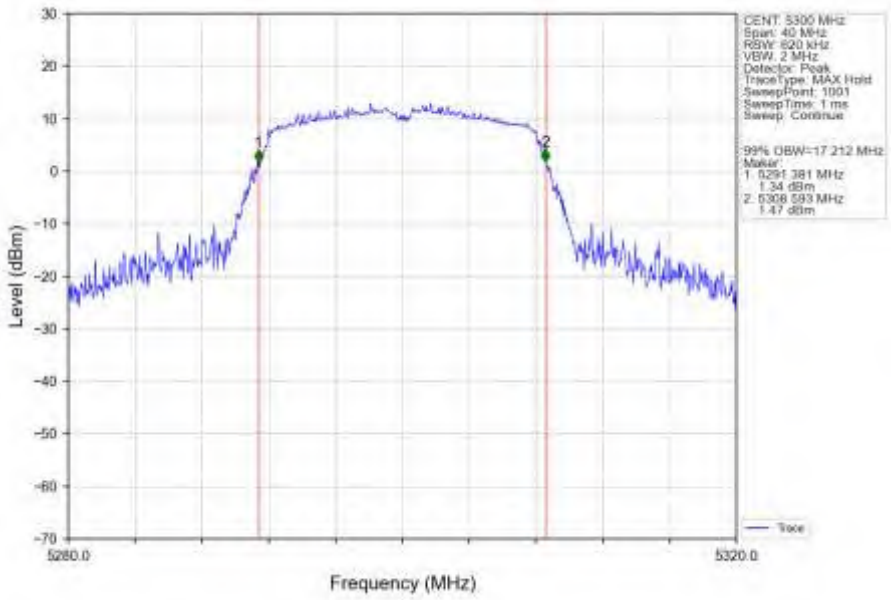
802.11a_HCH_5240MHz_Ant1_NTNV



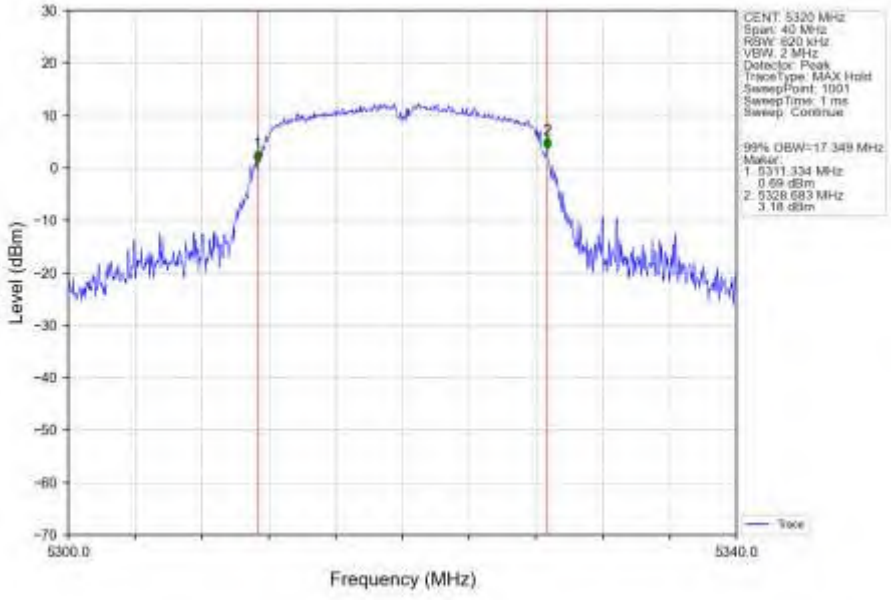
802.11a_LCH_5260MHz_Ant1_NTNV



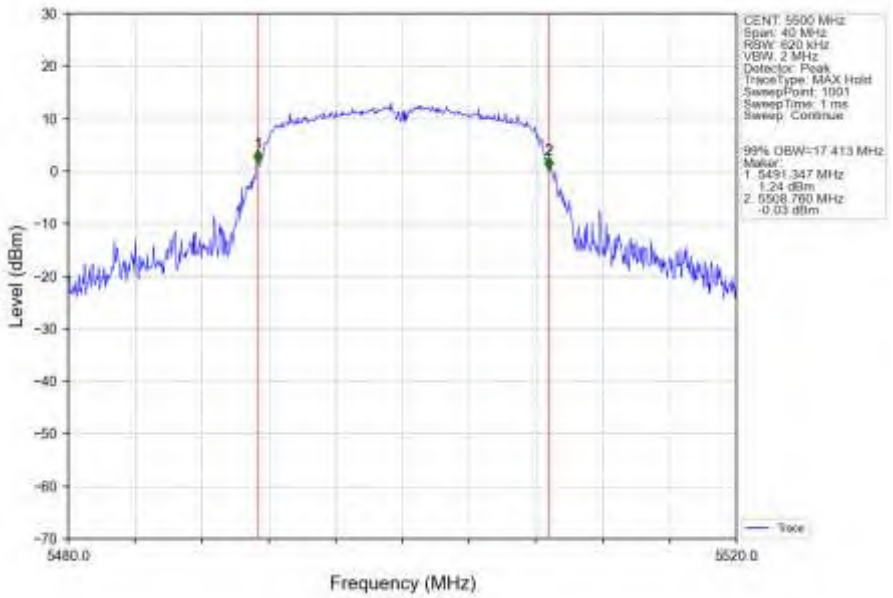
802.11a_MCH_5300MHz_Ant1_NTNV



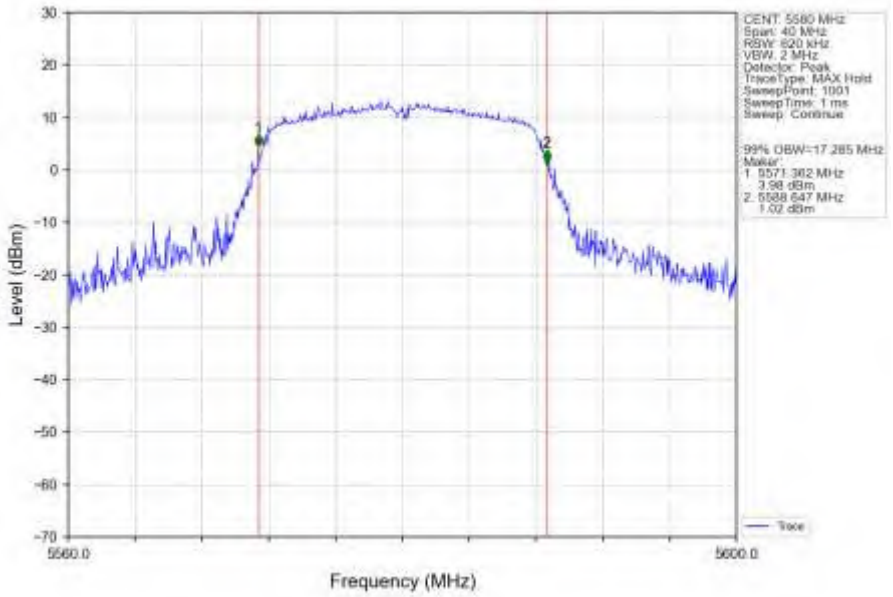
802.11a_HCH_5320MHz_Ant1_NTNV



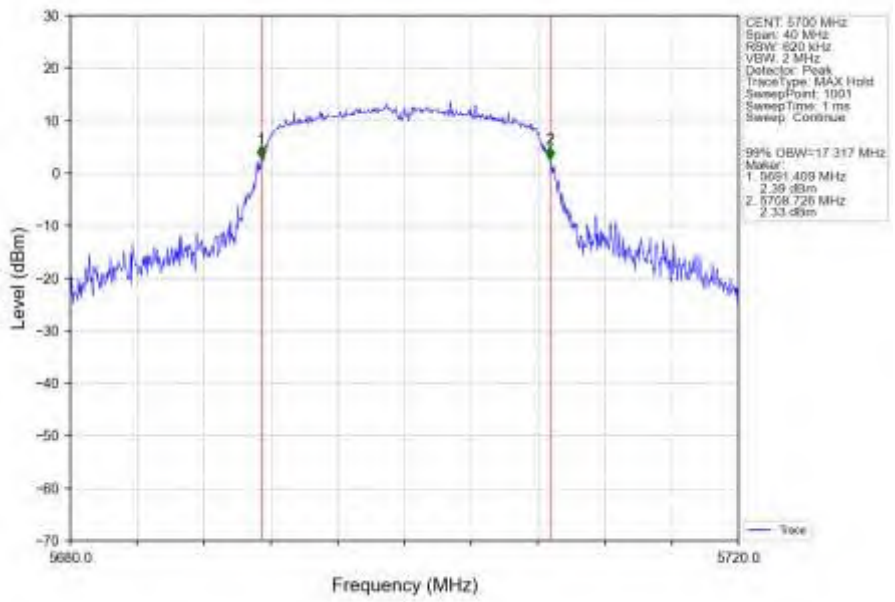
802.11a_LCH_5500MHz_Ant1_NTNV



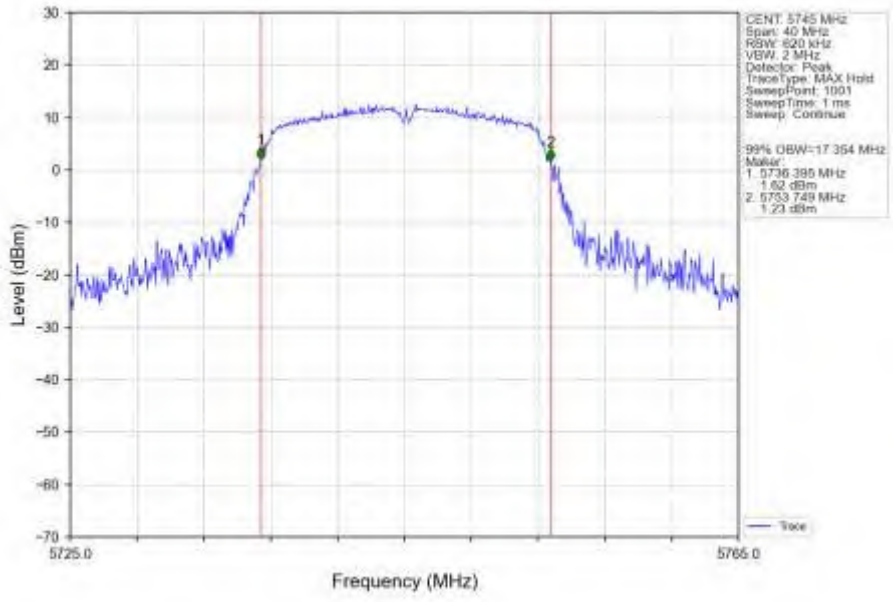
802.11a_MCH_5580MHz_Ant1_NTNV



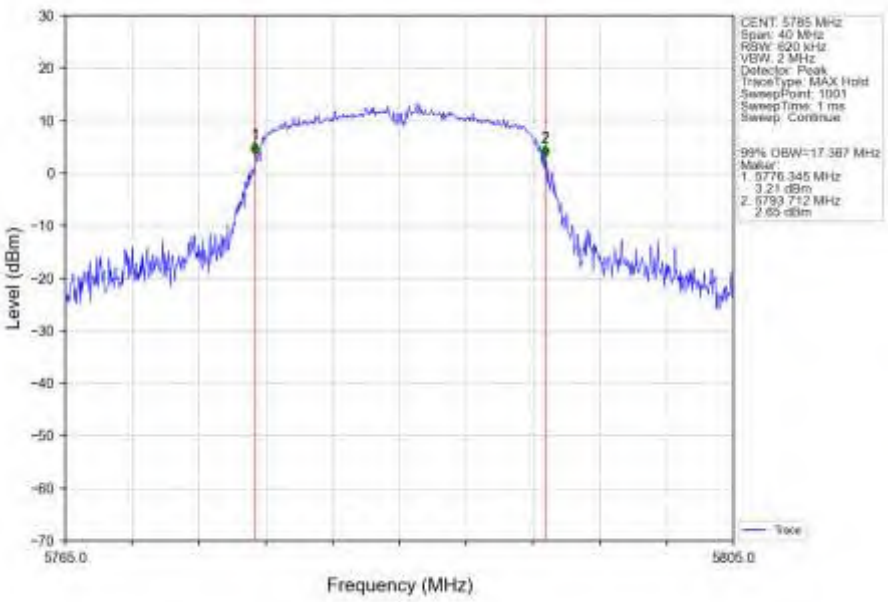
802.11a_HCH_5700MHz_Ant1_NTNV



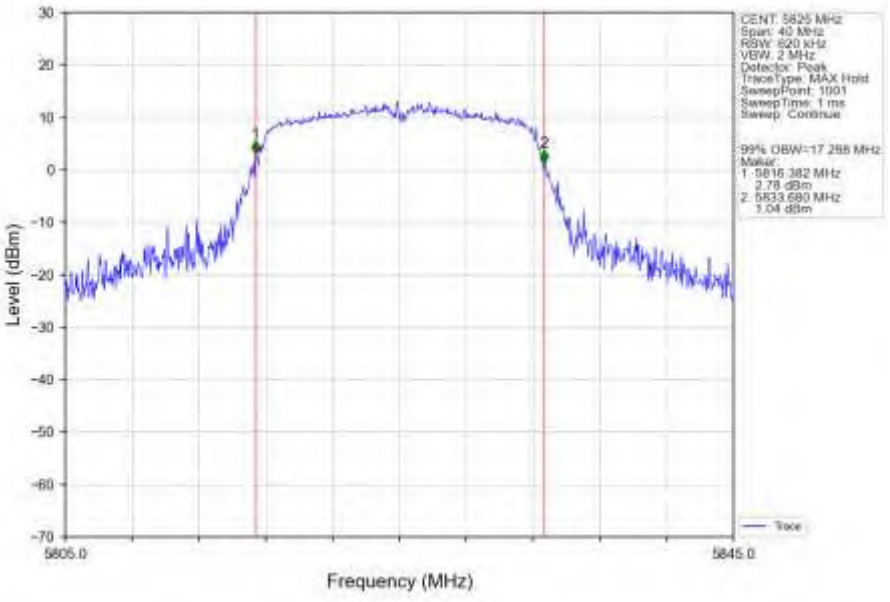
802.11a_LCH_5745MHz_Ant1_NTNV



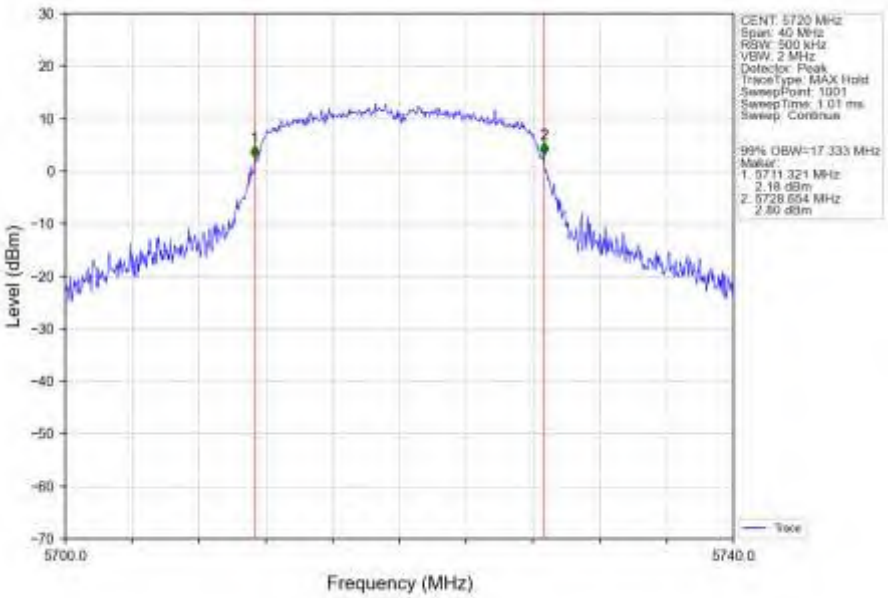
802.11a_MCH_5785MHz_Ant1_NTNV



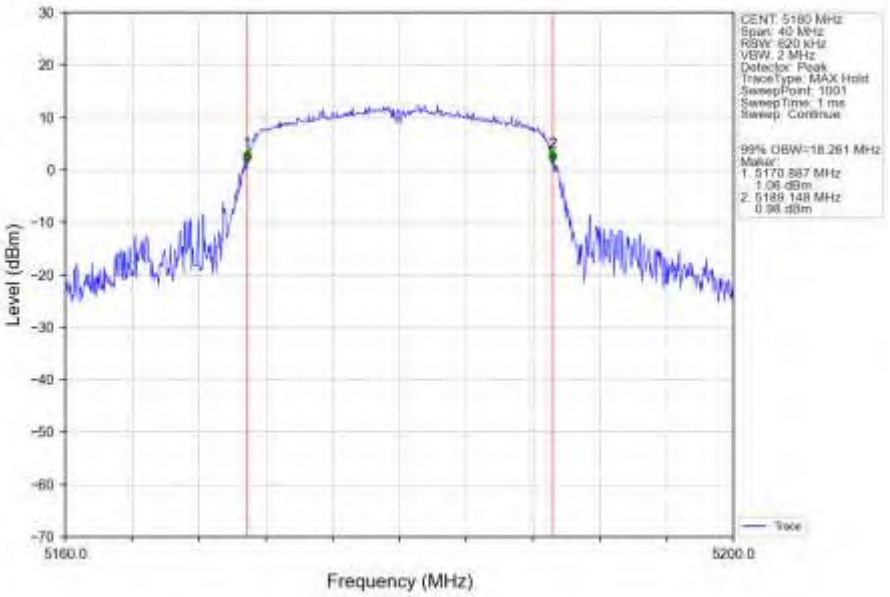
802.11a_HCH_5825MHz_Ant1_NTNV



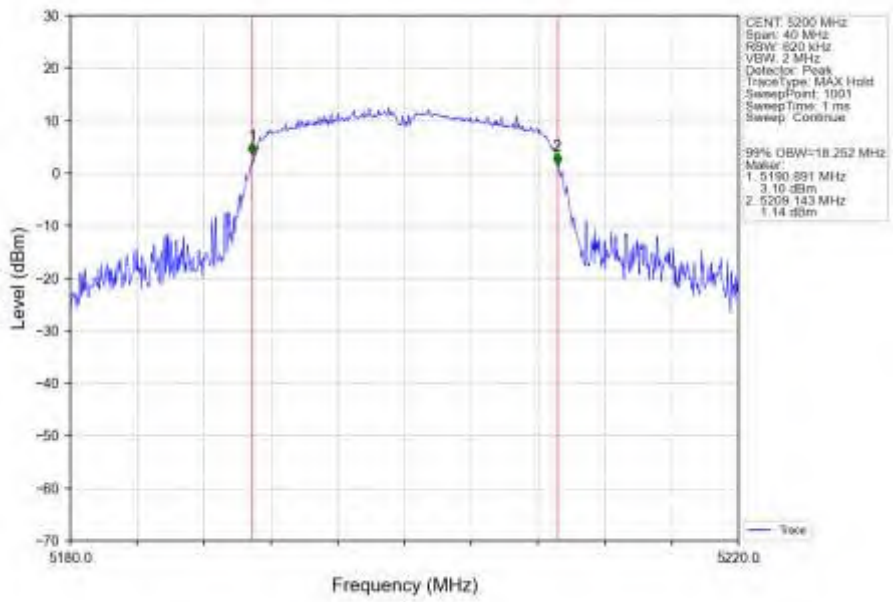
802.11a_HCH_5720MHz_Ant1_NTNV



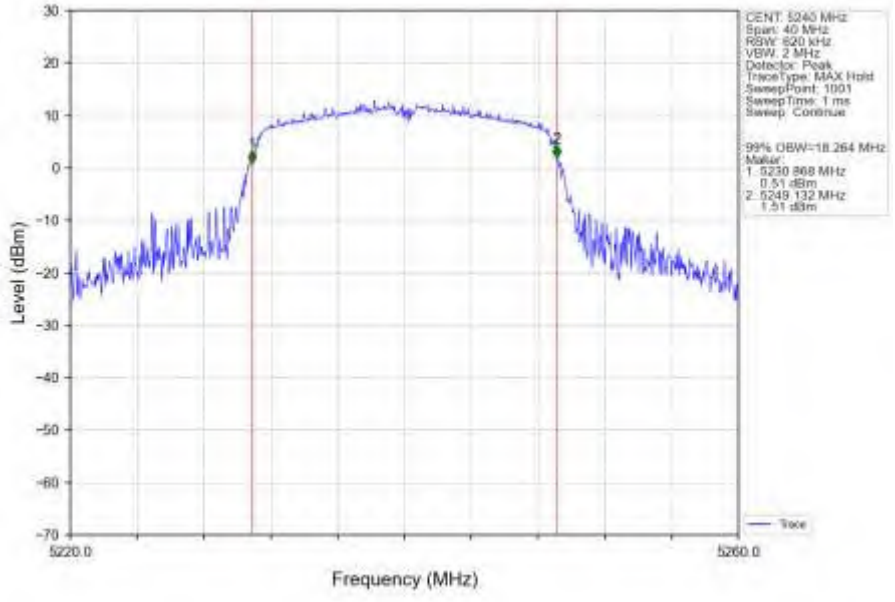
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



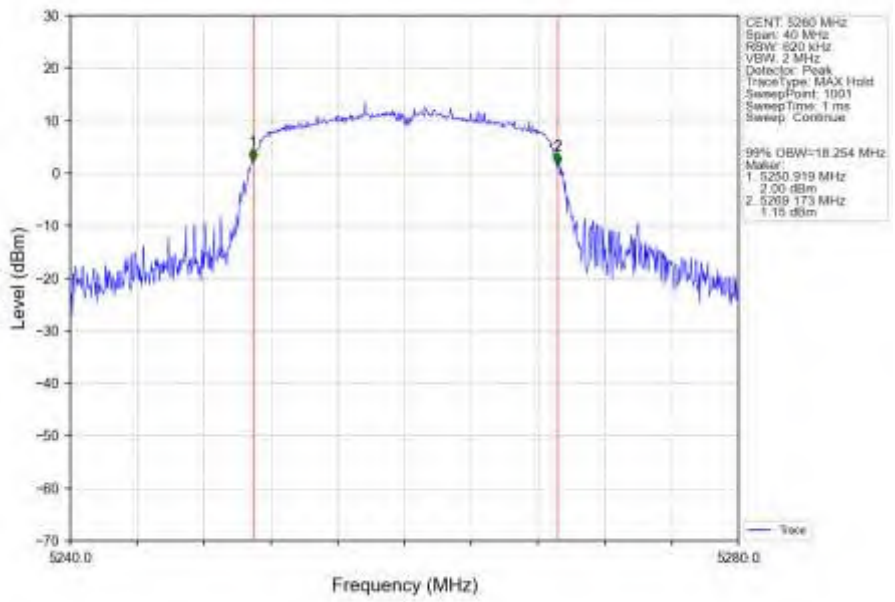
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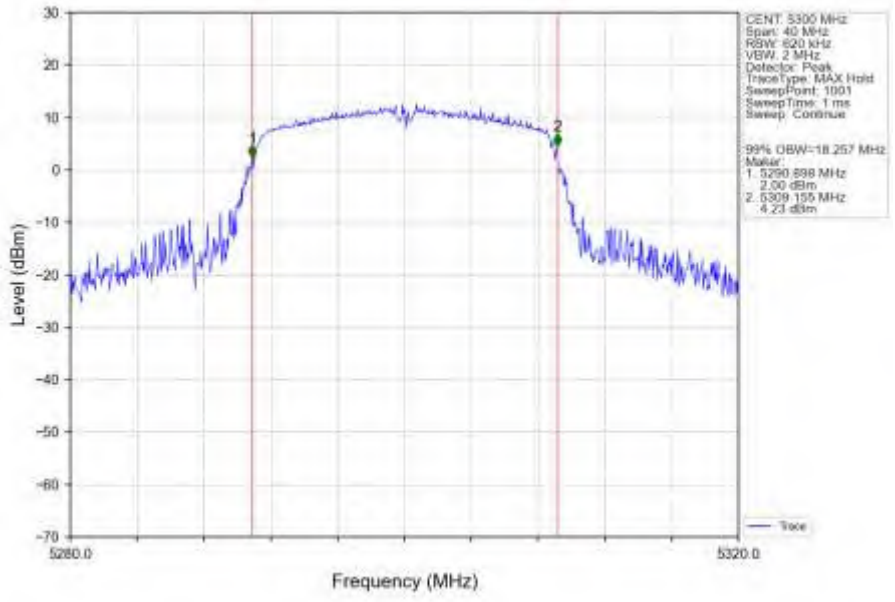
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



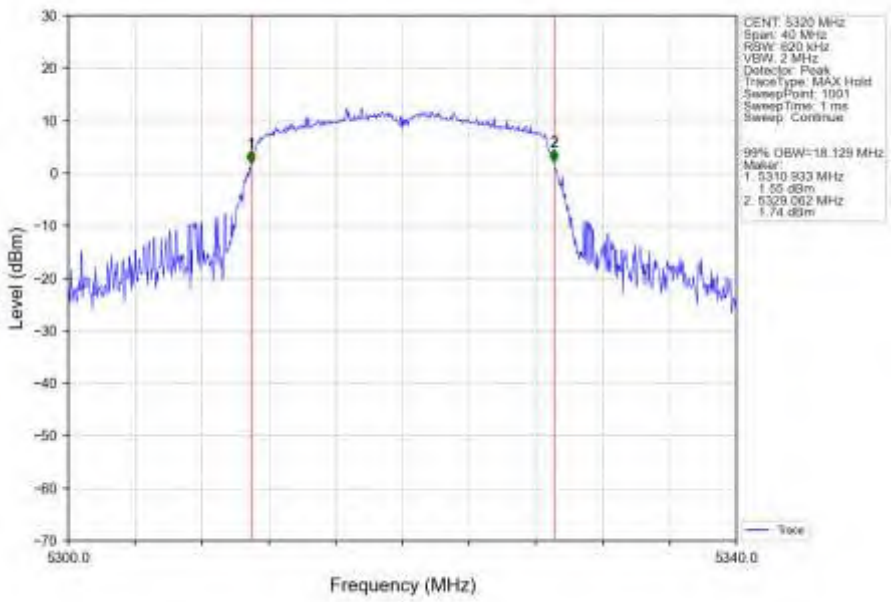
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



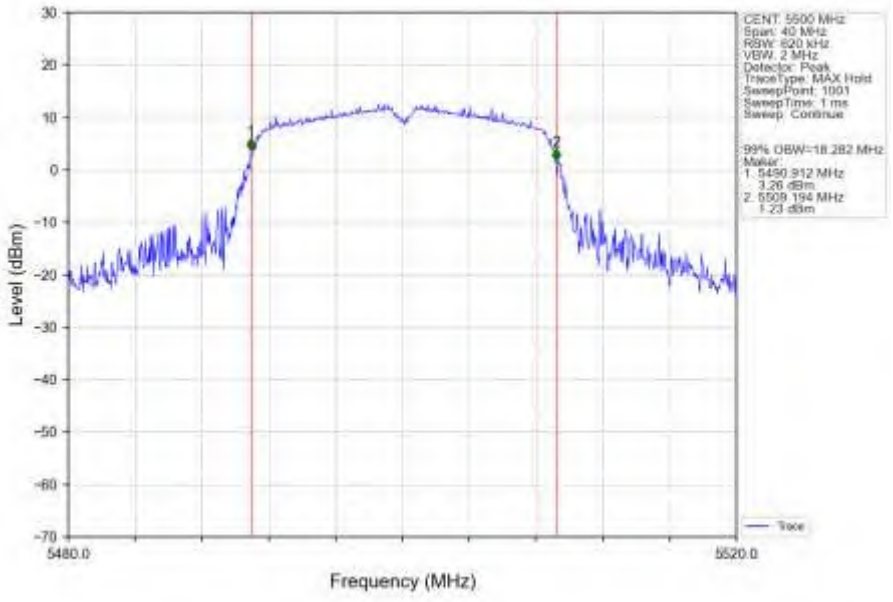
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



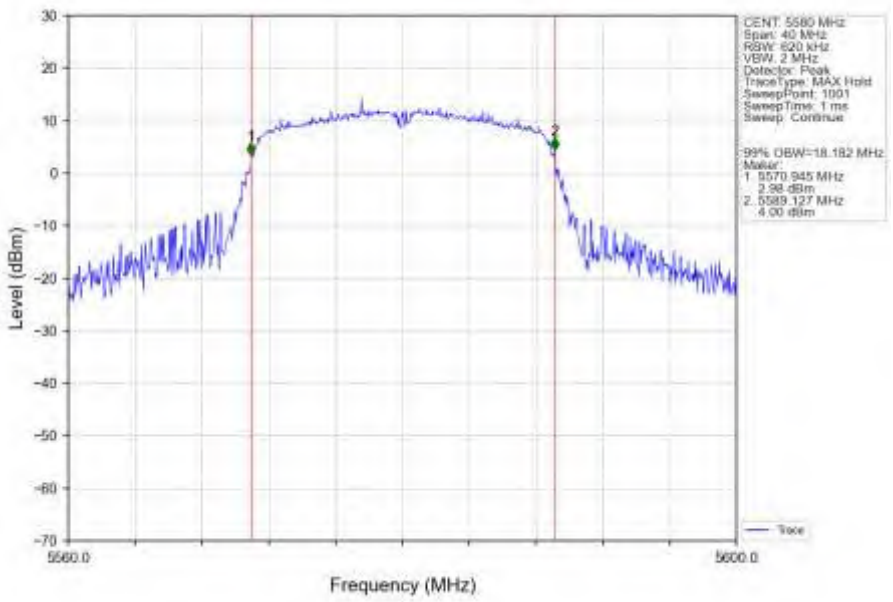
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



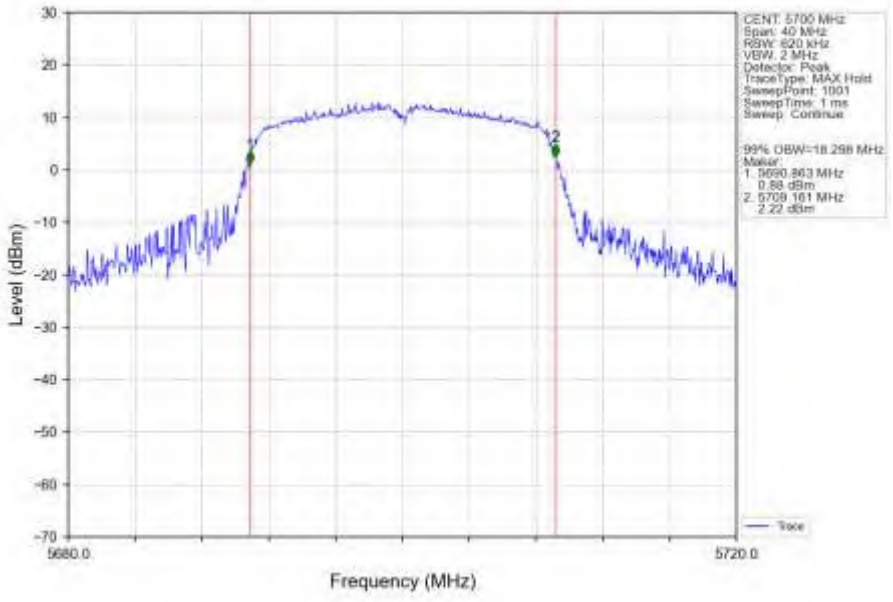
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



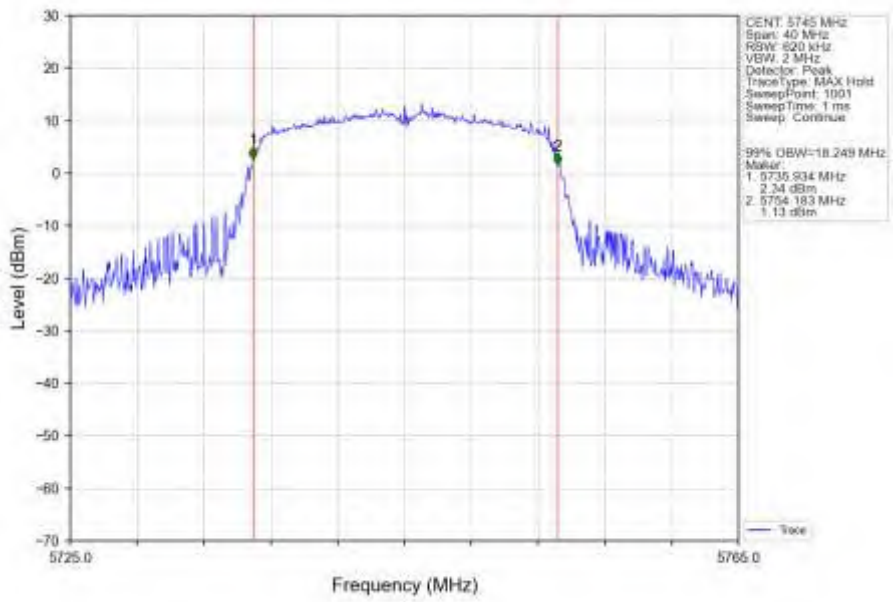
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



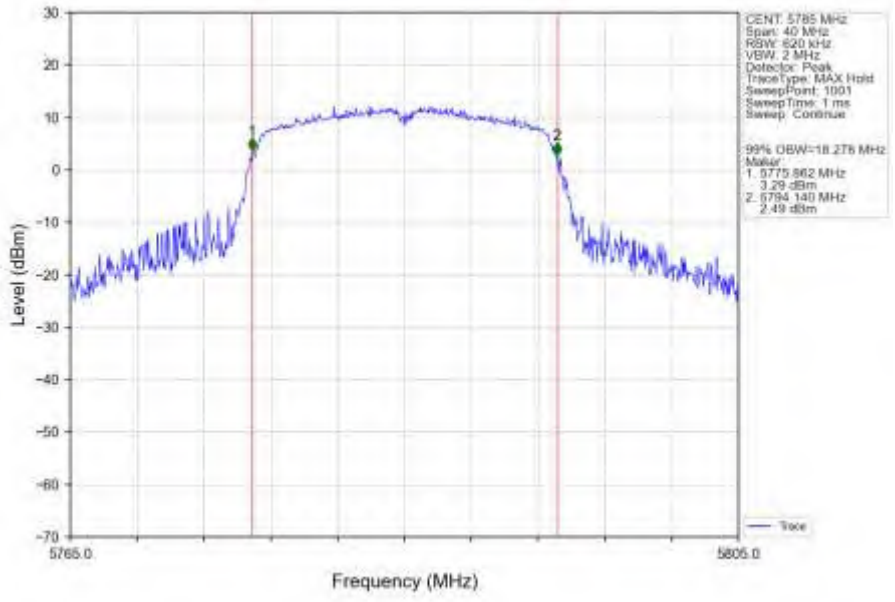
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



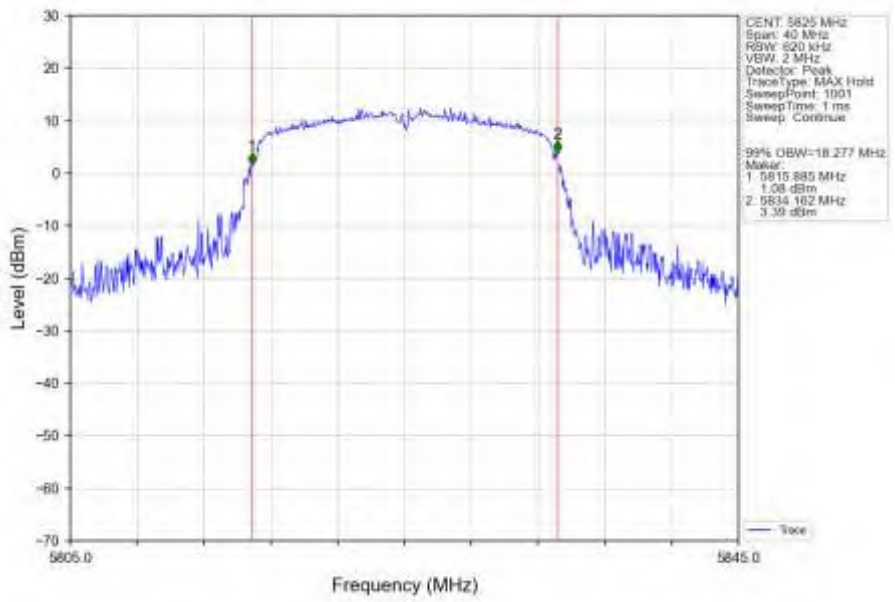
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



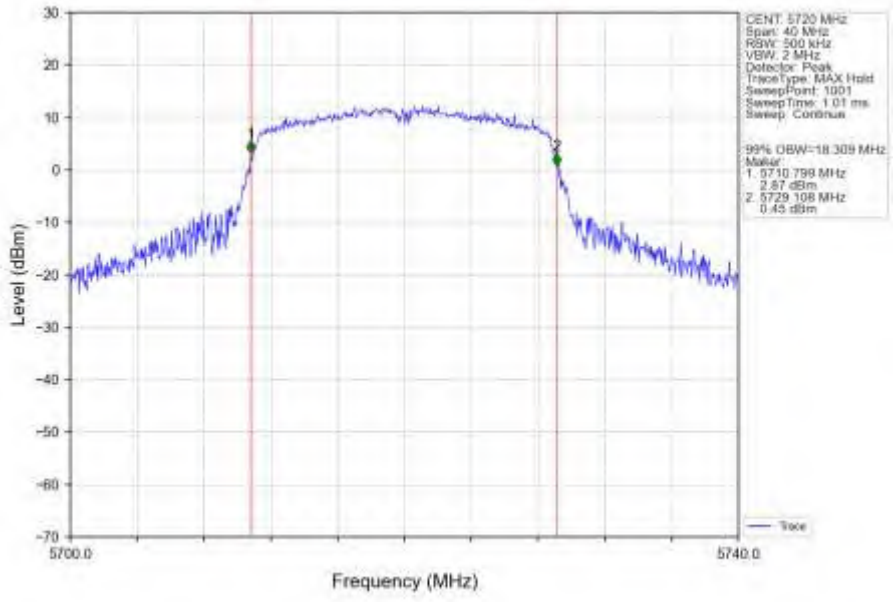
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



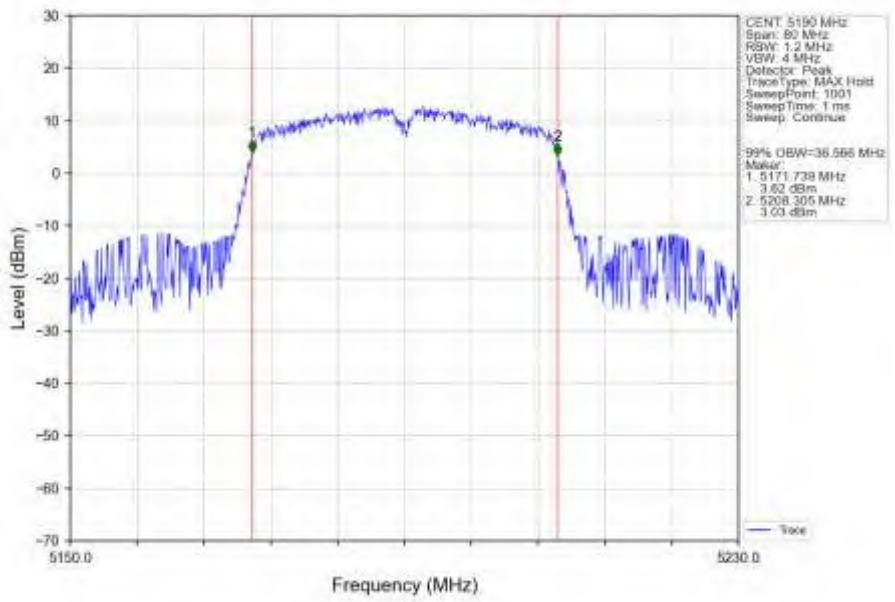
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



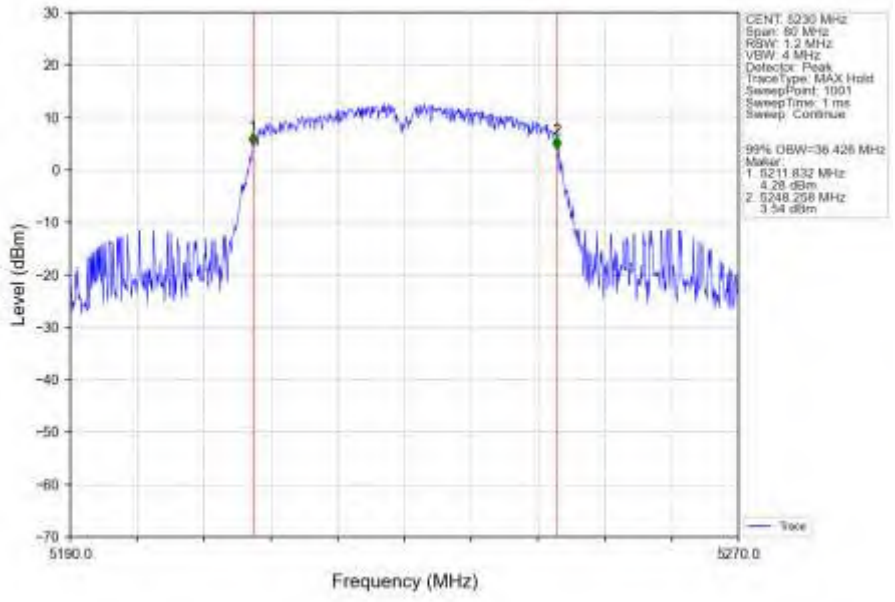
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



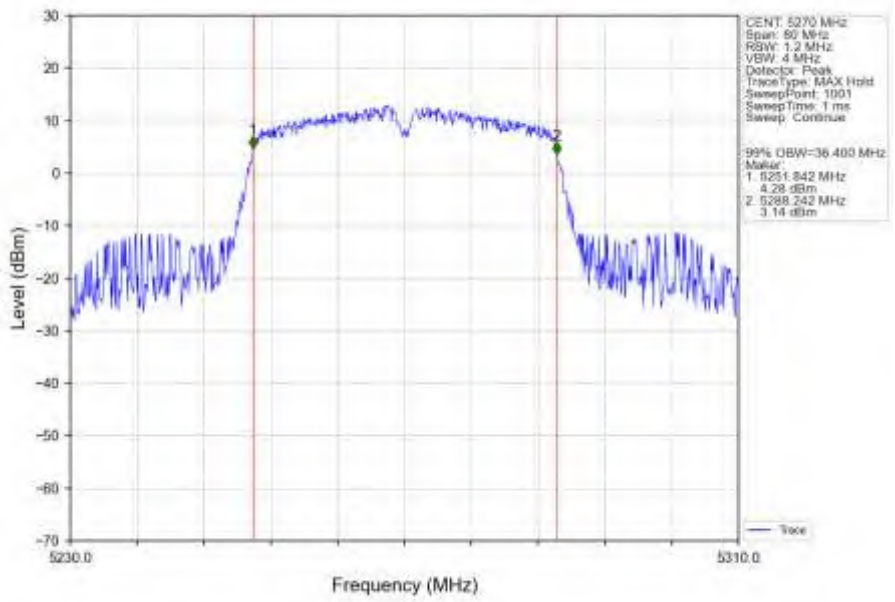
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



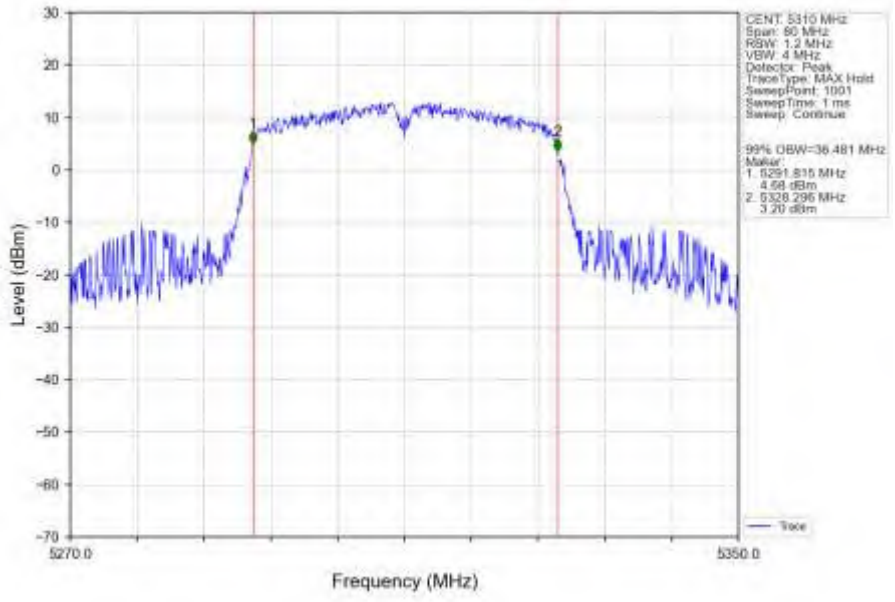
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



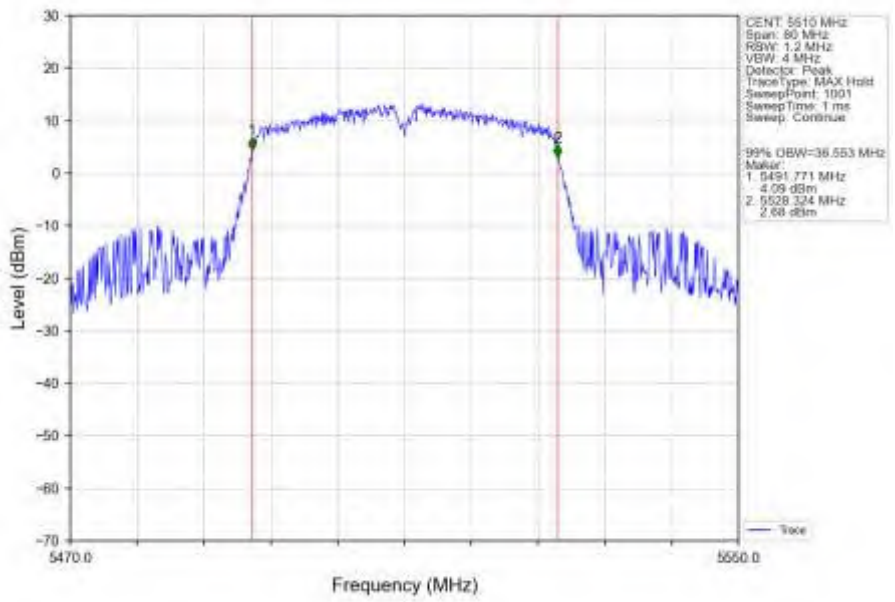
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



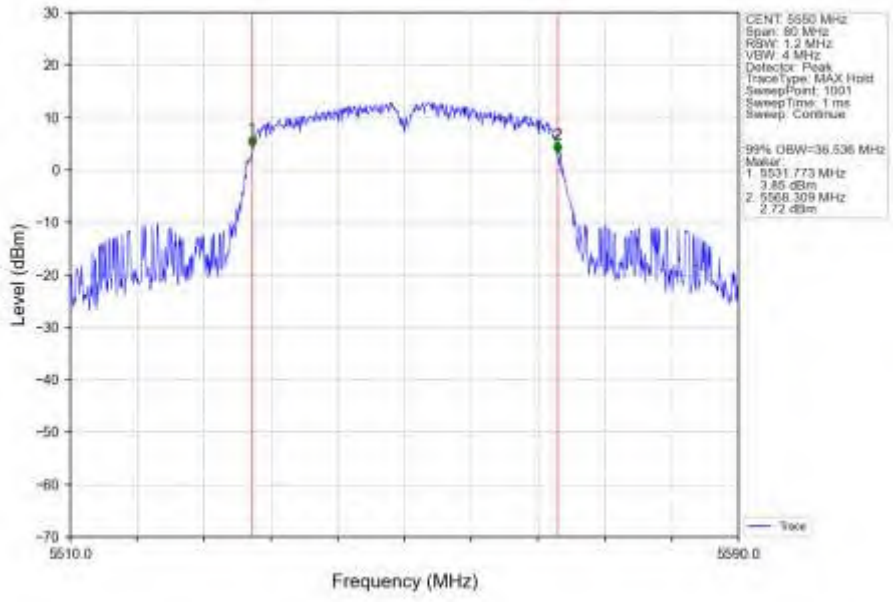
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



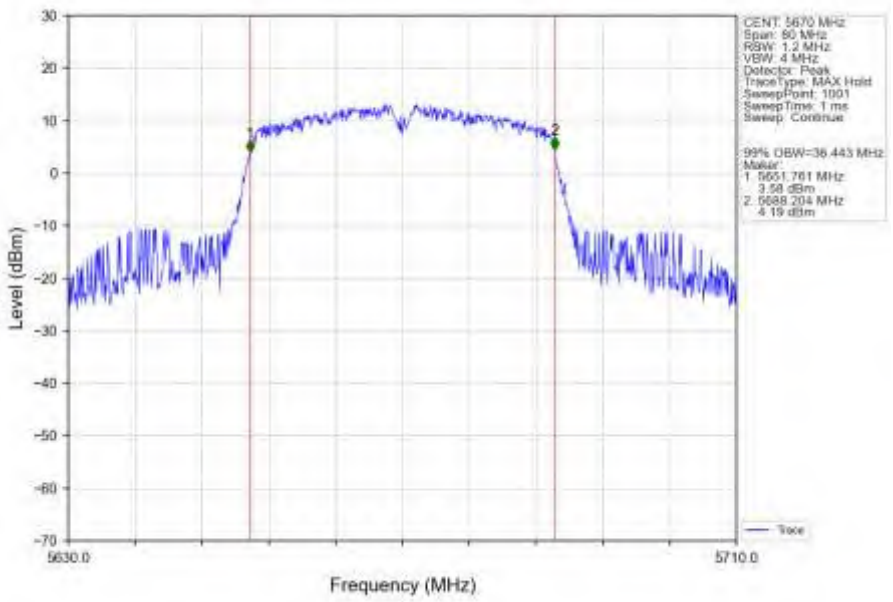
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



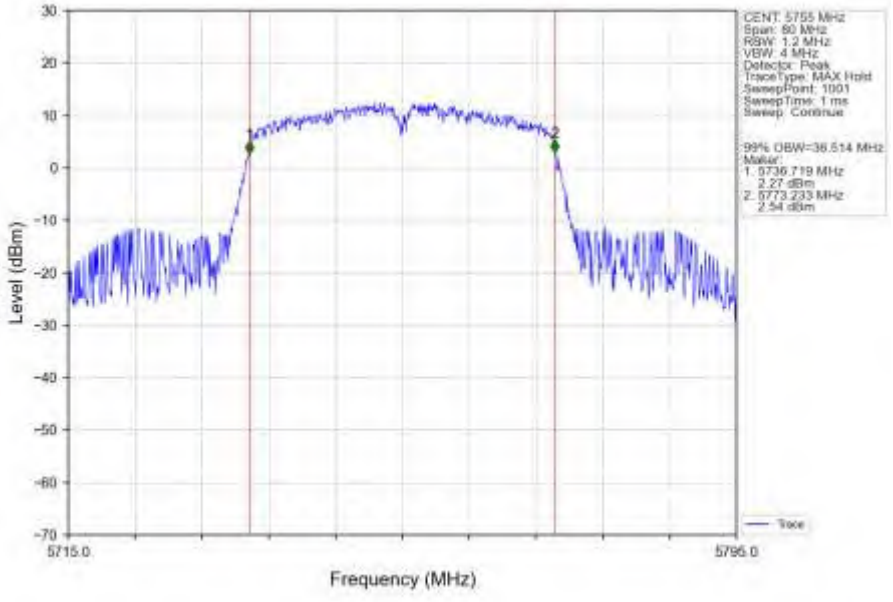
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



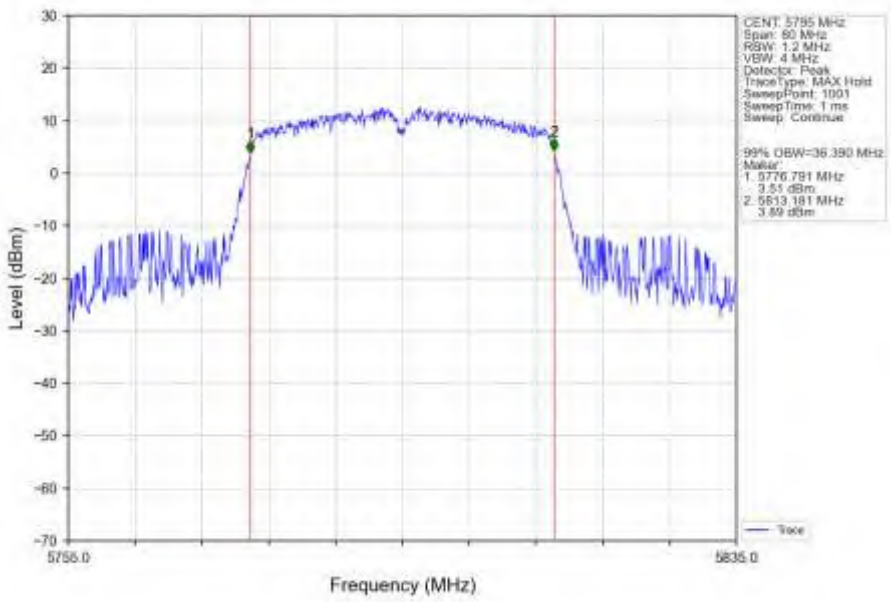
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



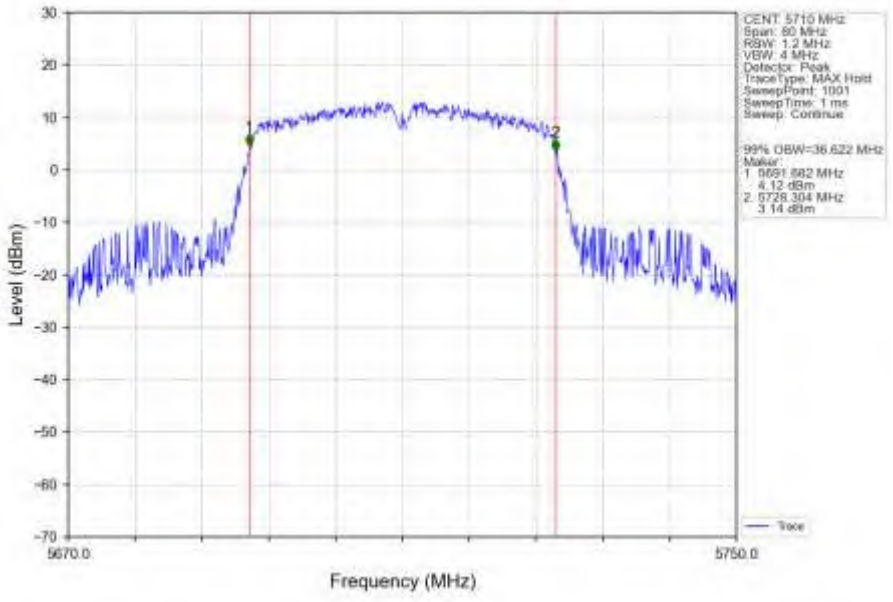
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



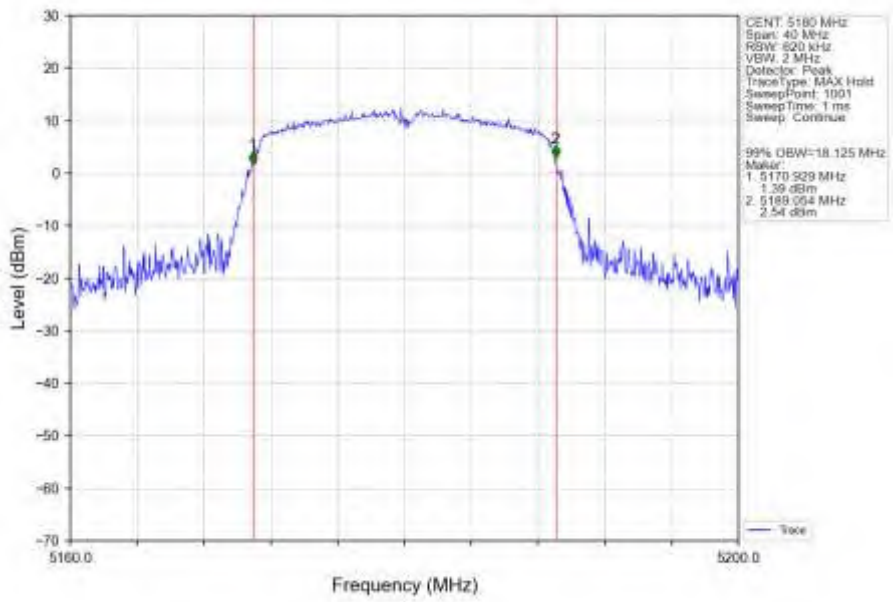
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



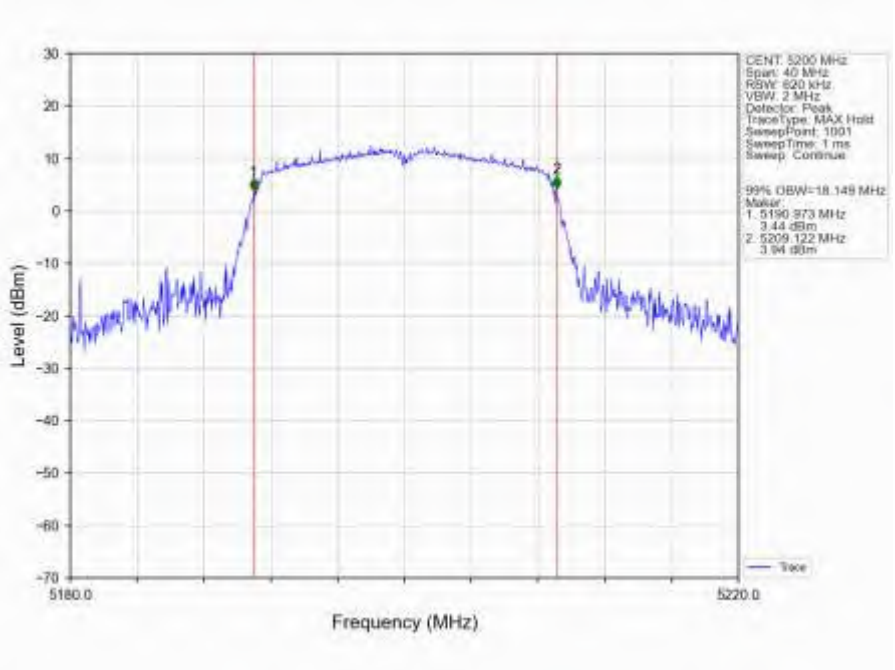
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



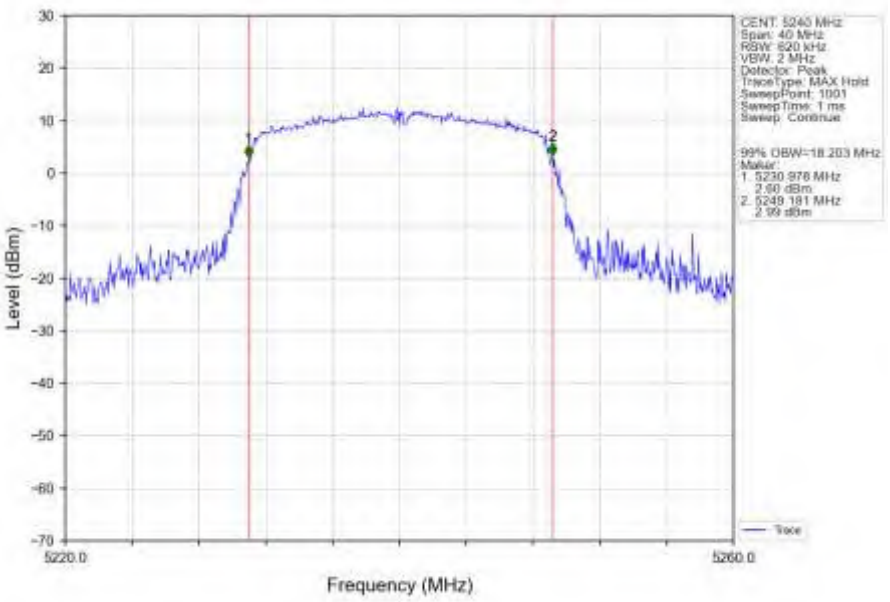
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



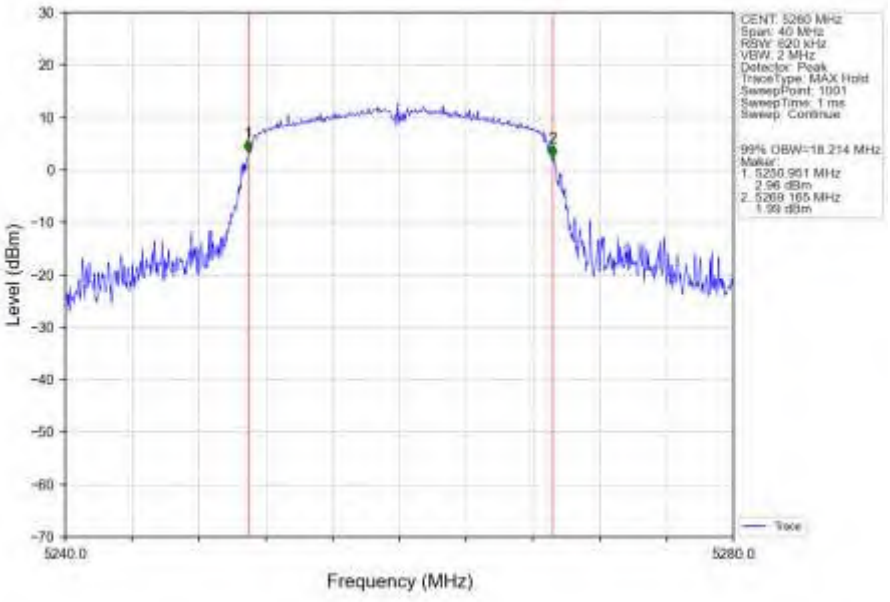
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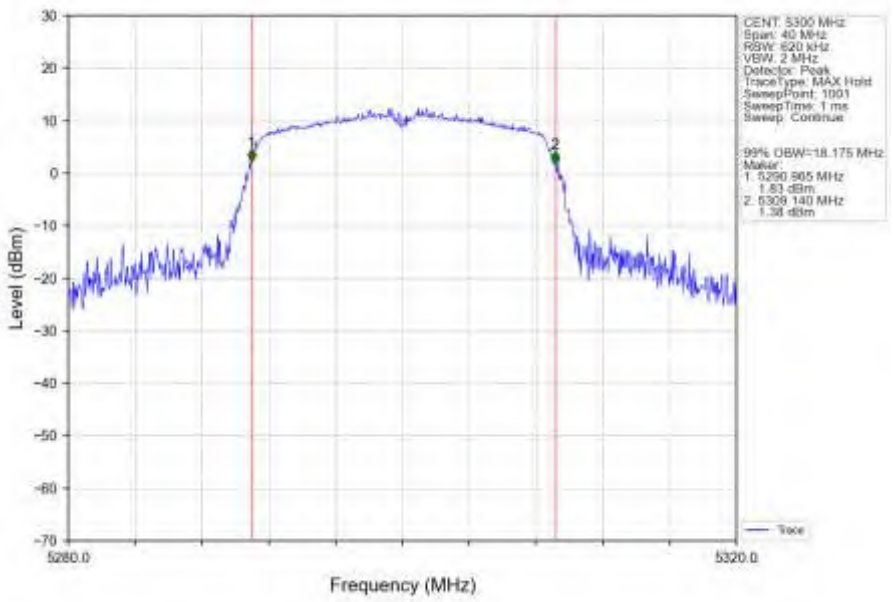
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



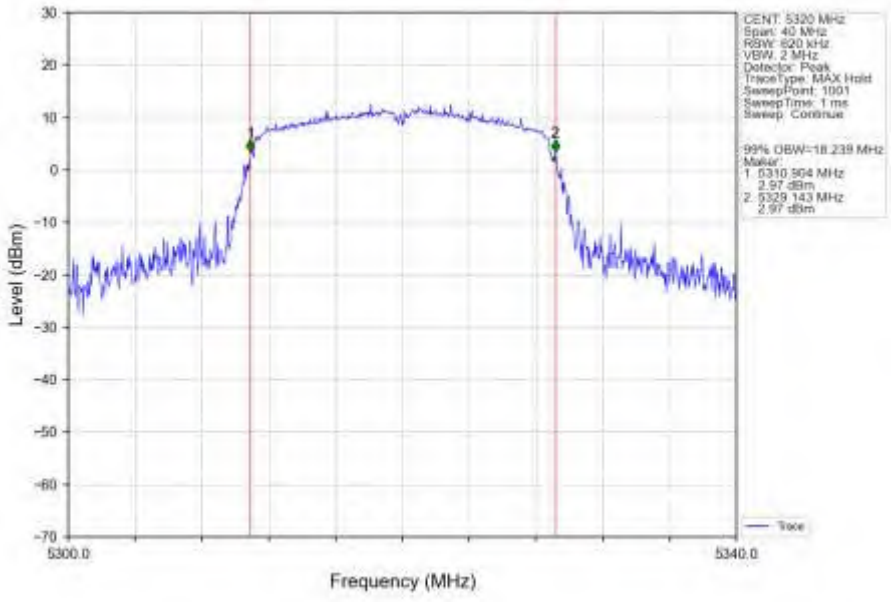
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



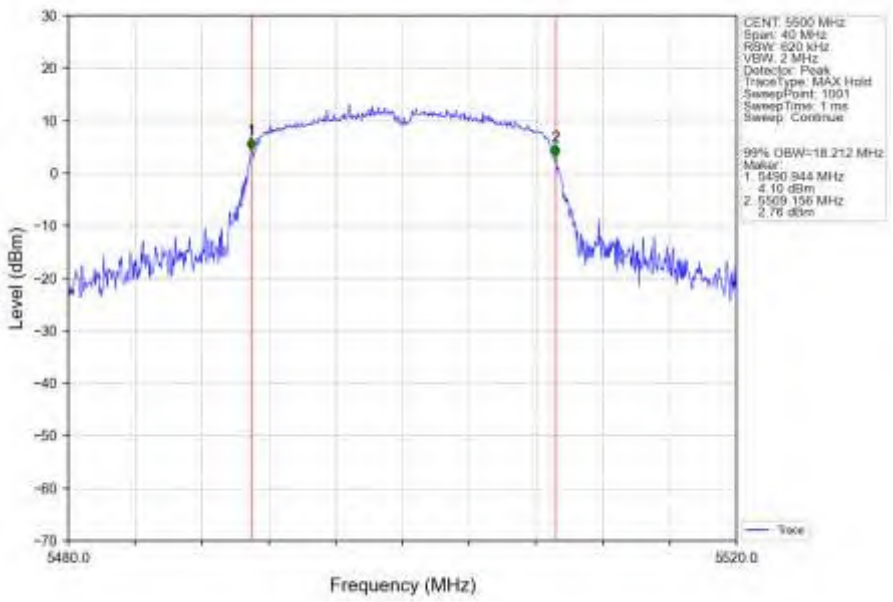
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



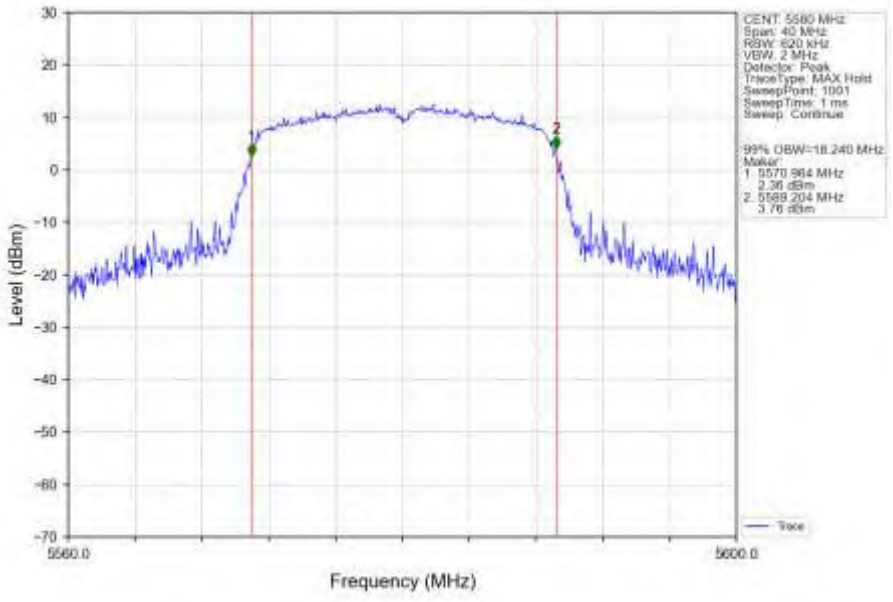
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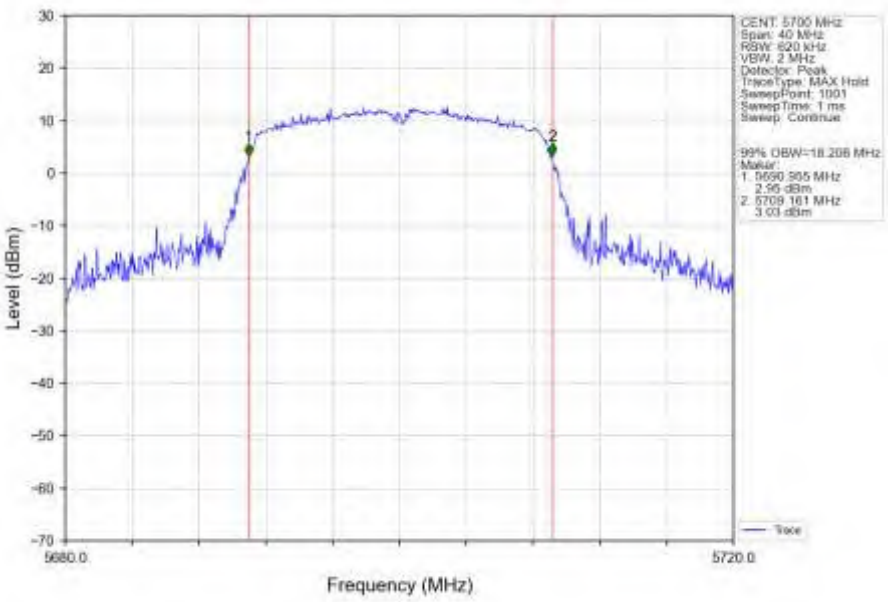
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



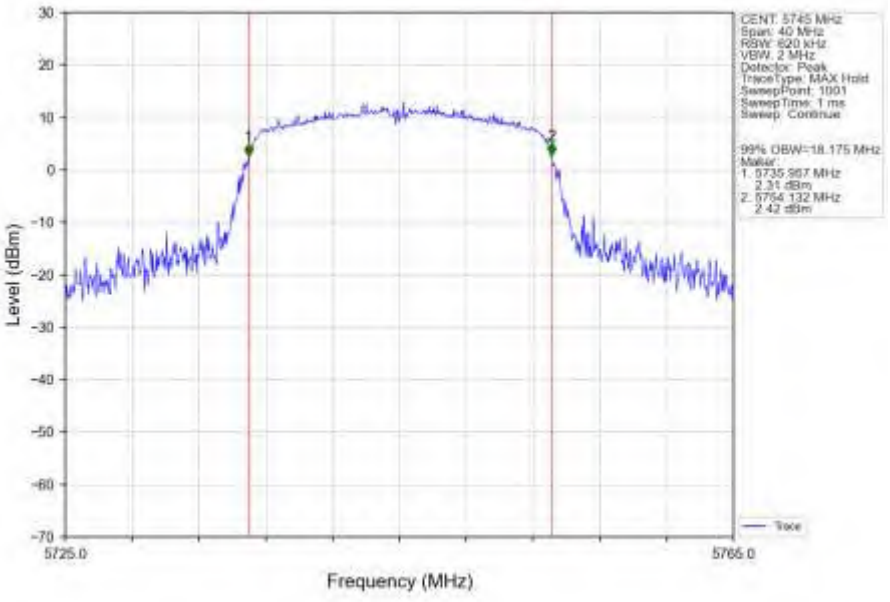
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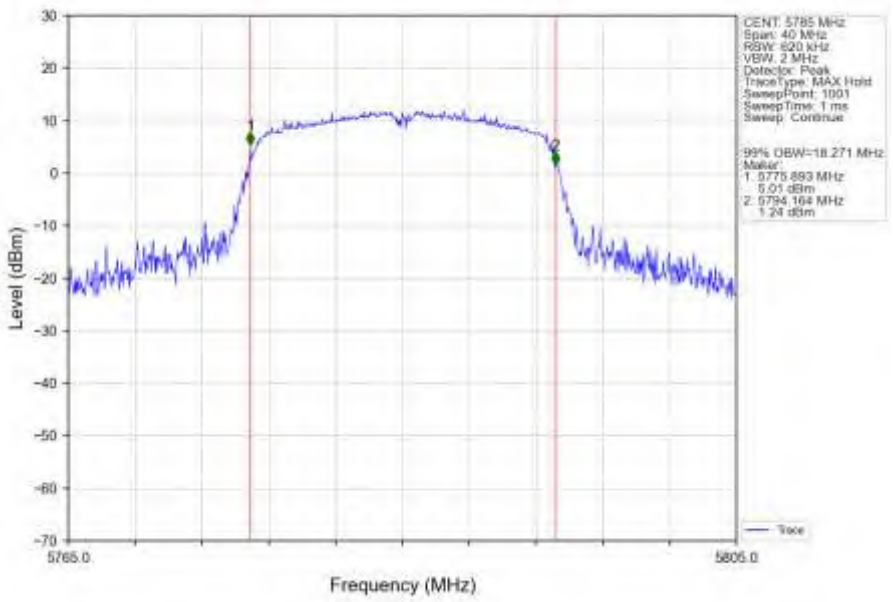
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



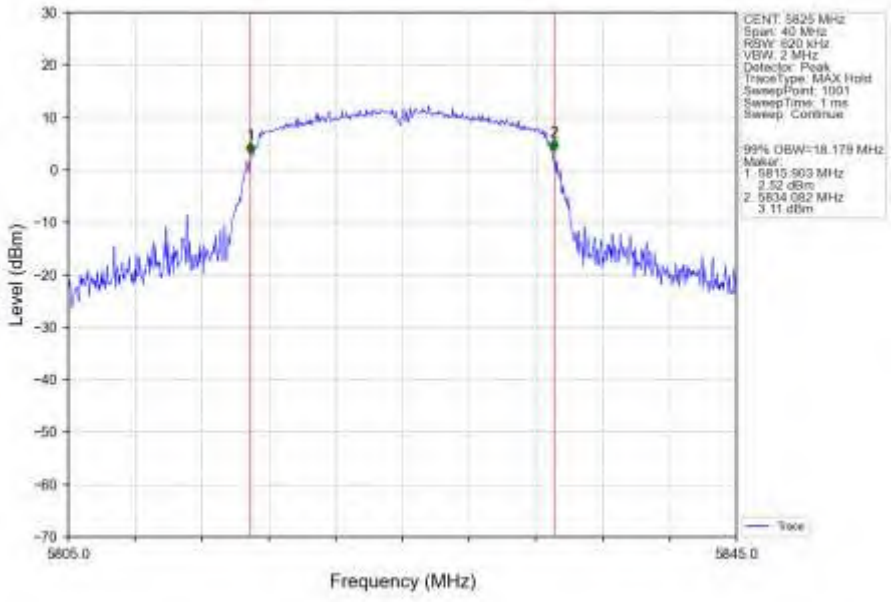
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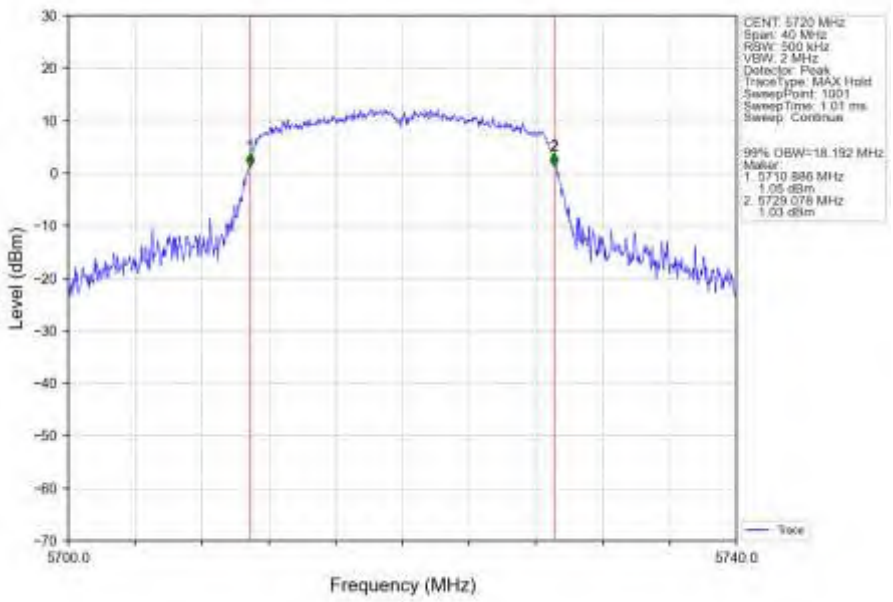
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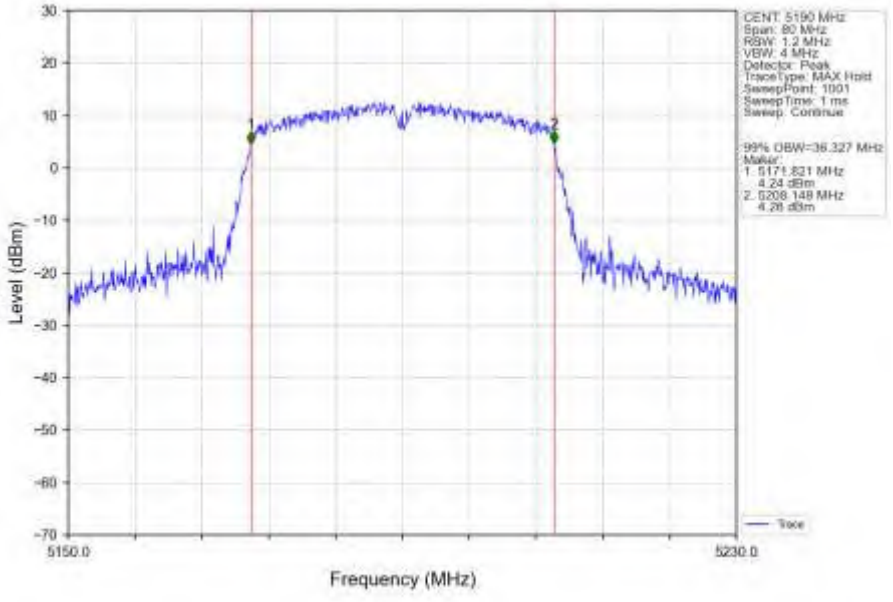
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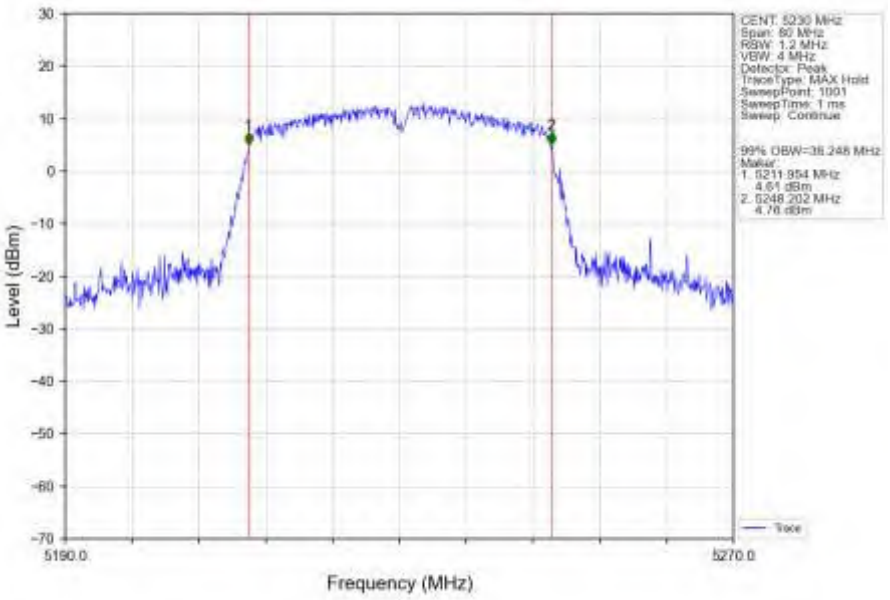
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



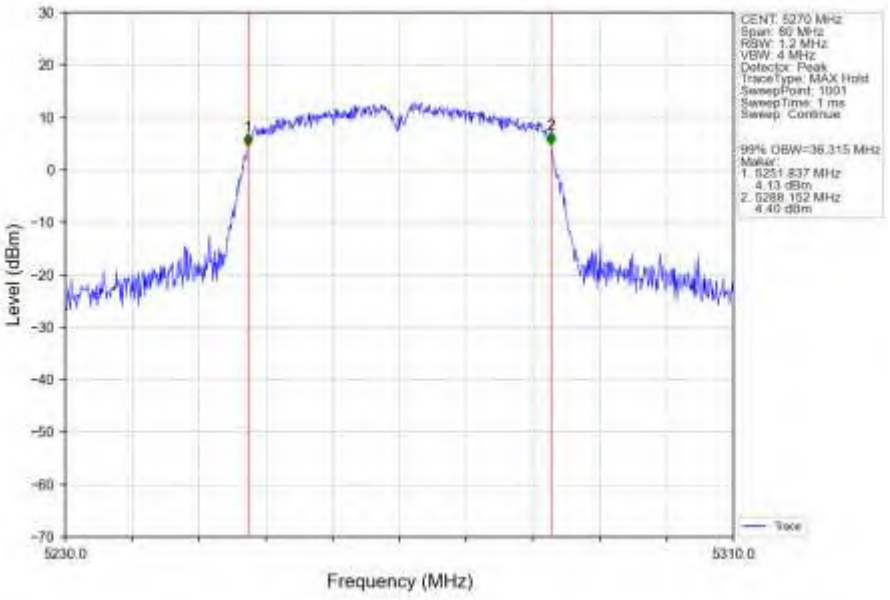
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



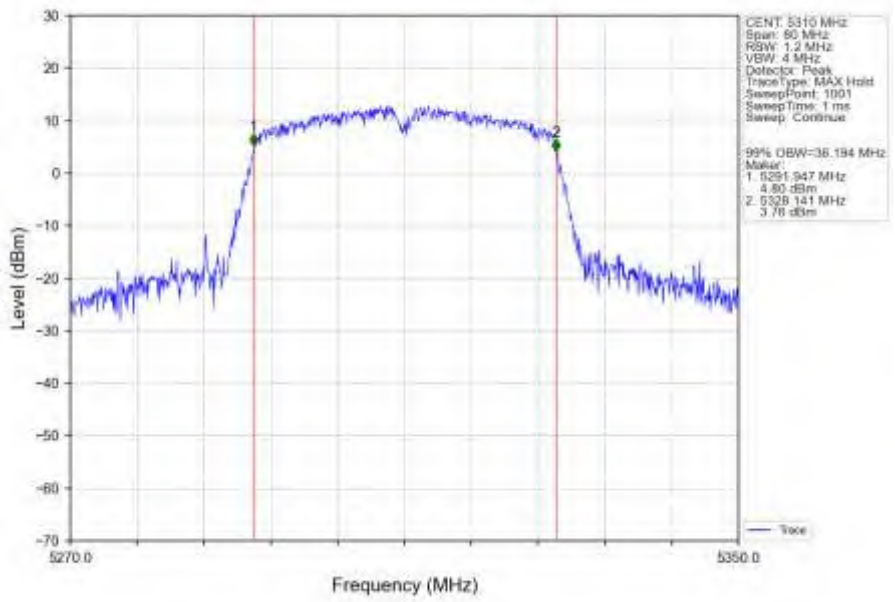
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



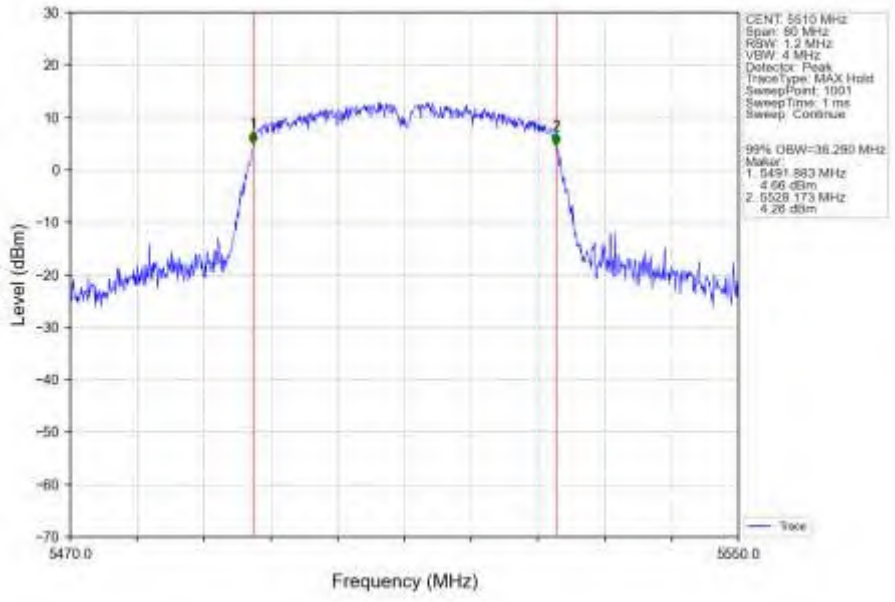
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



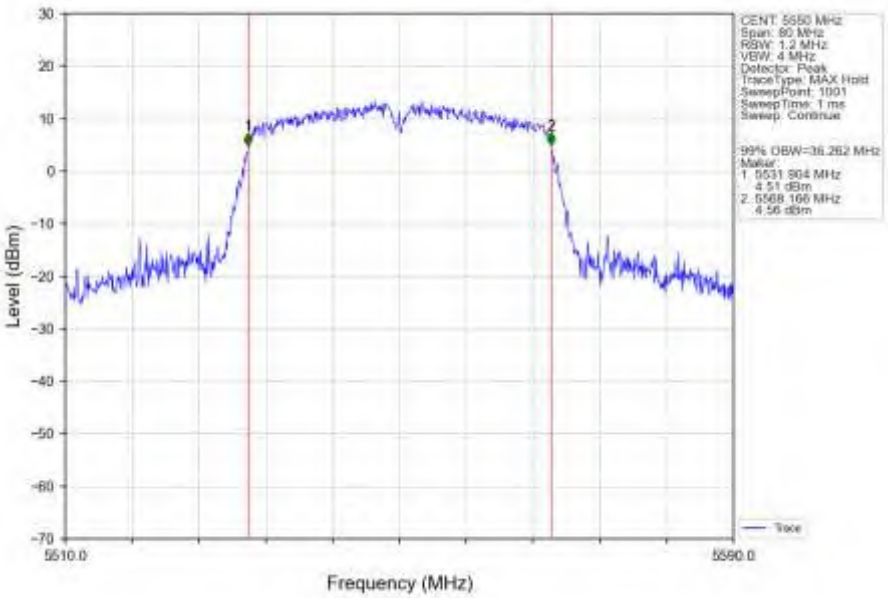
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



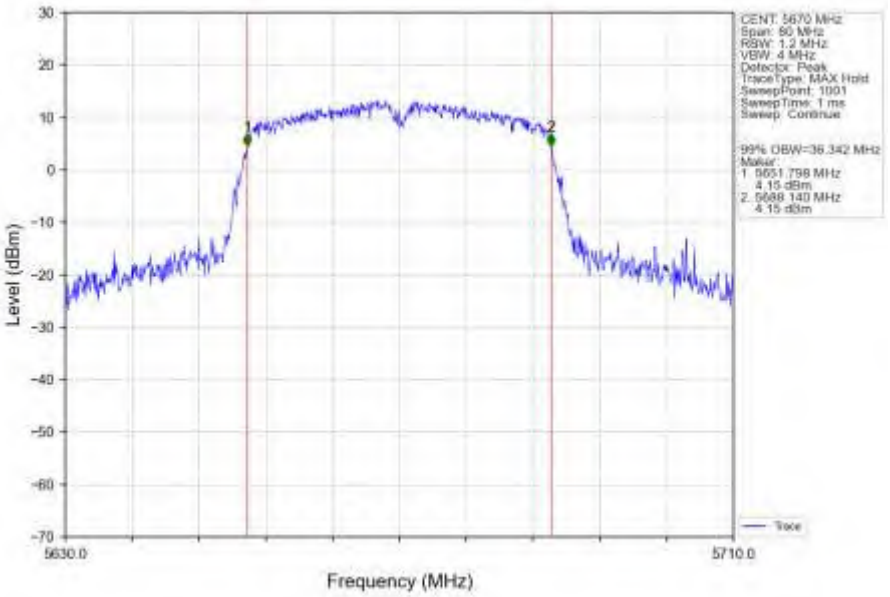
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



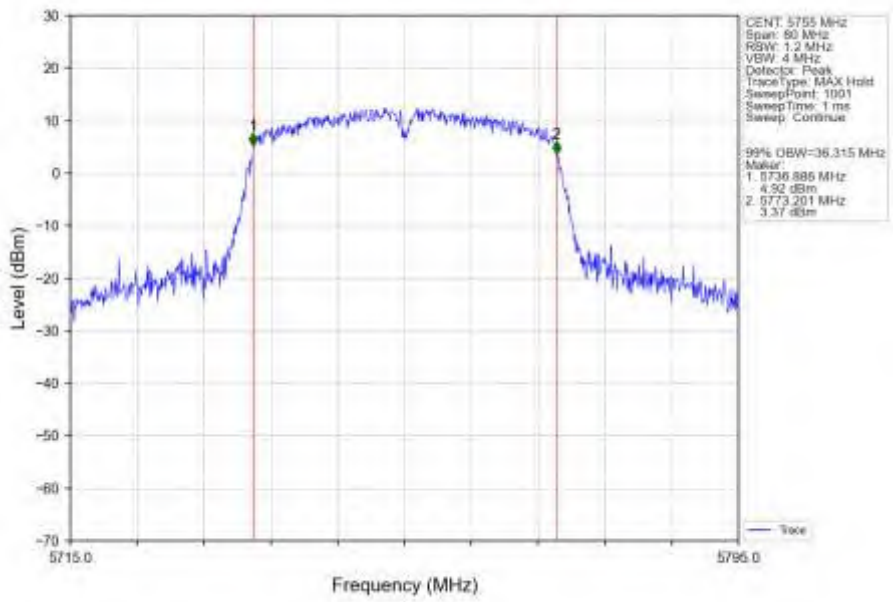
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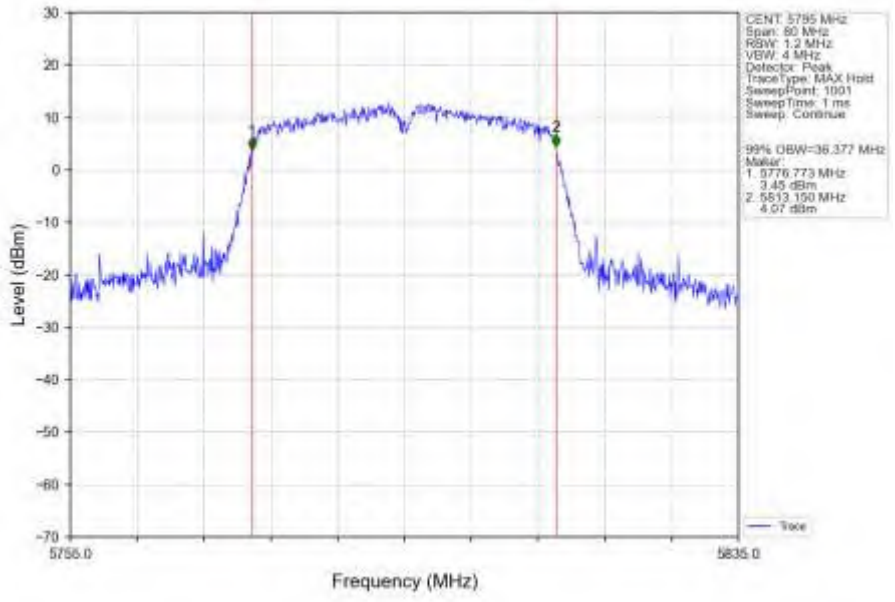
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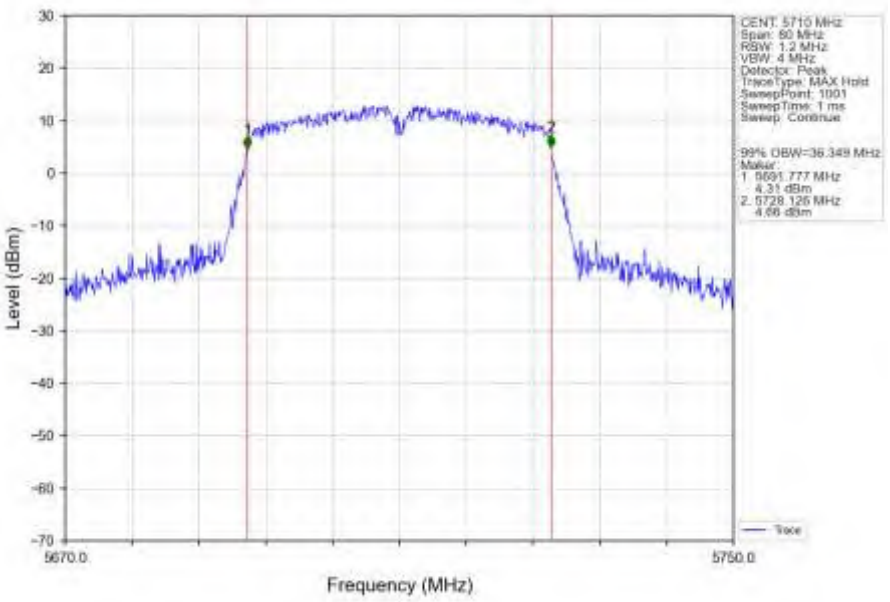
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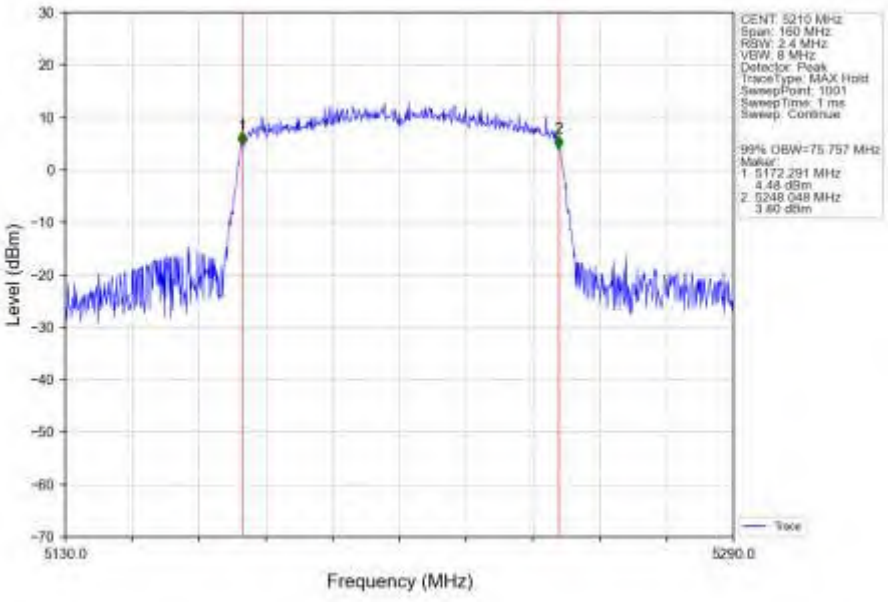
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



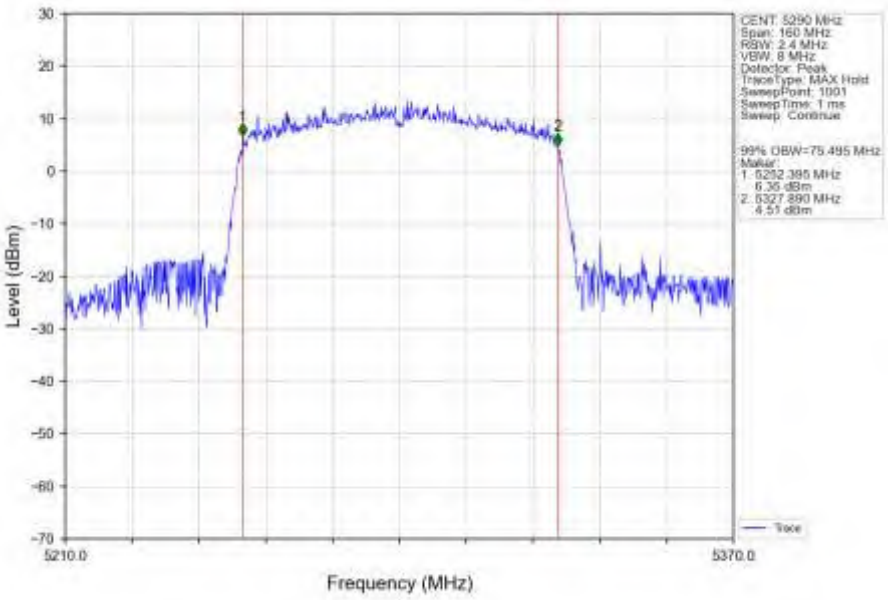
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



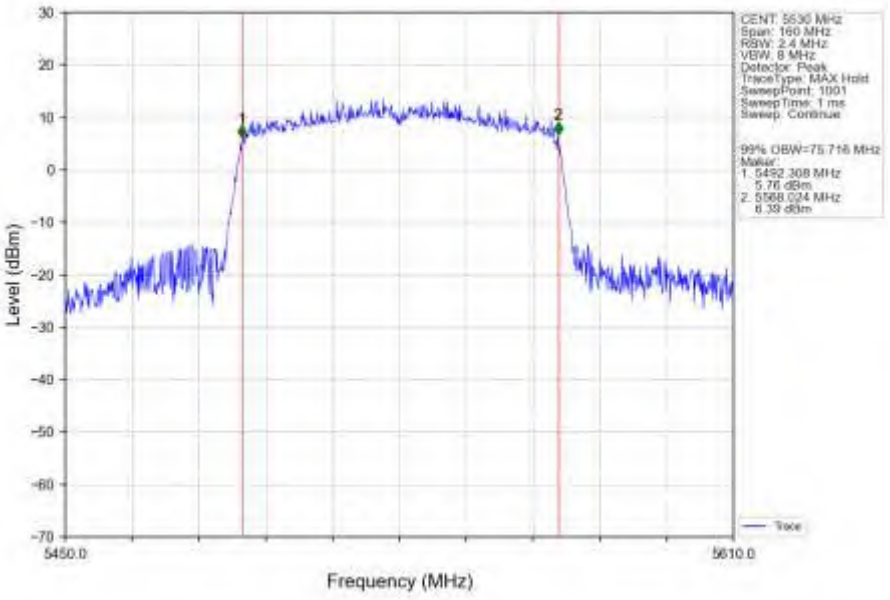
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



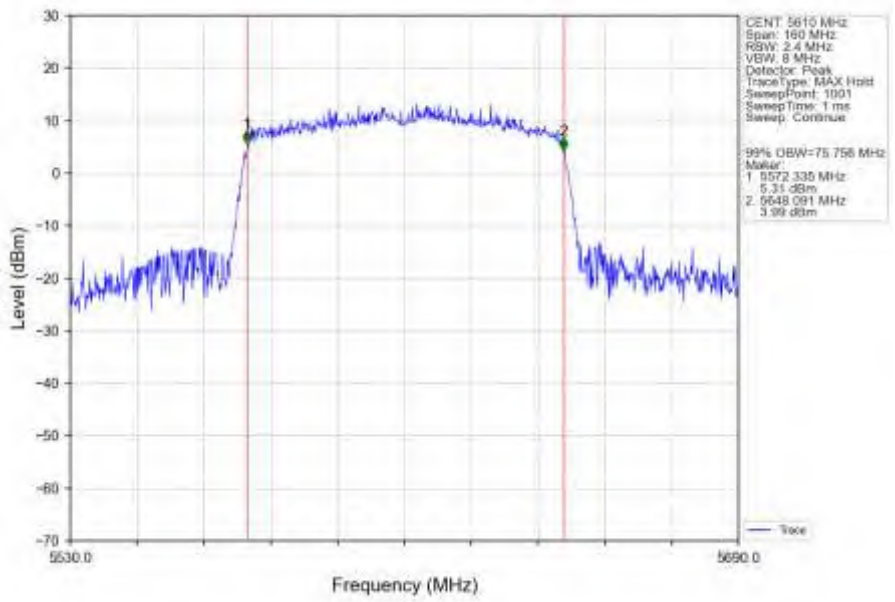
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



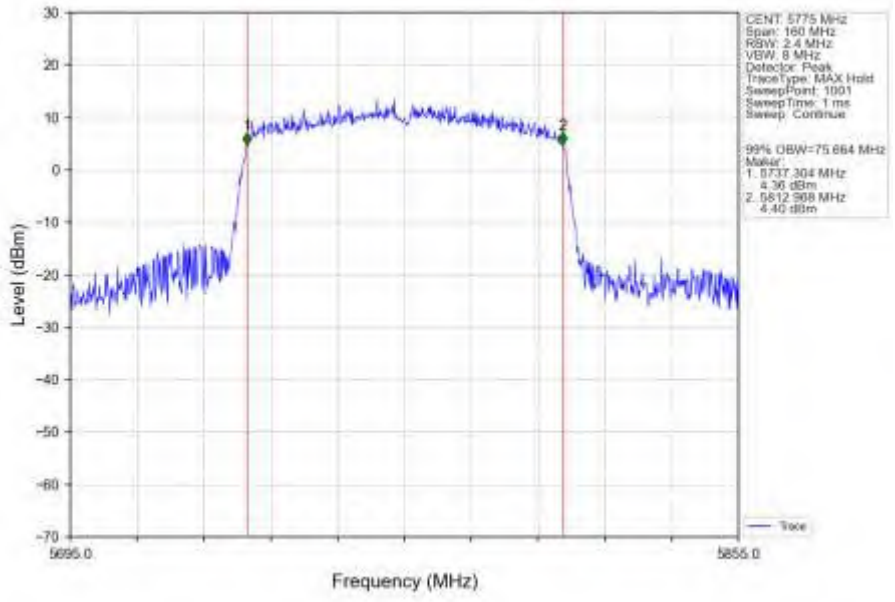
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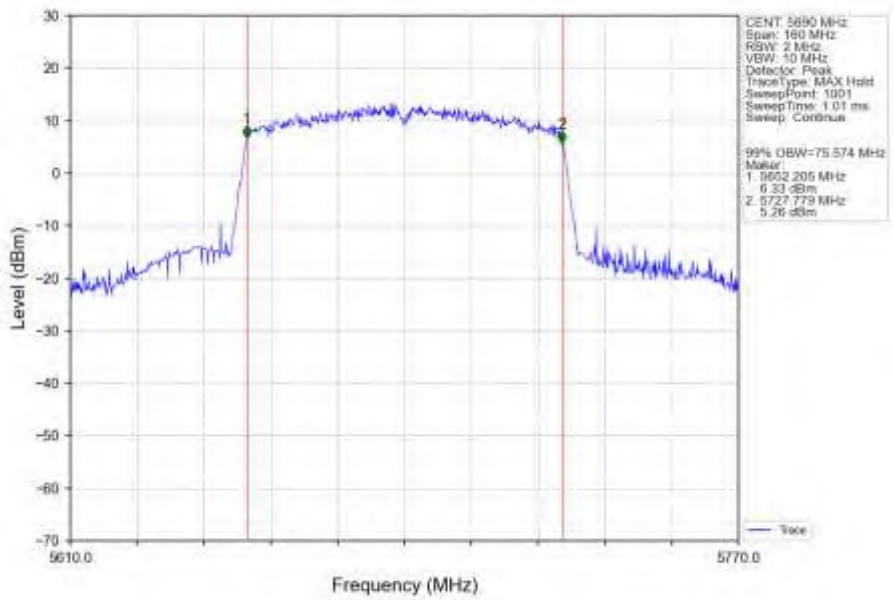
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



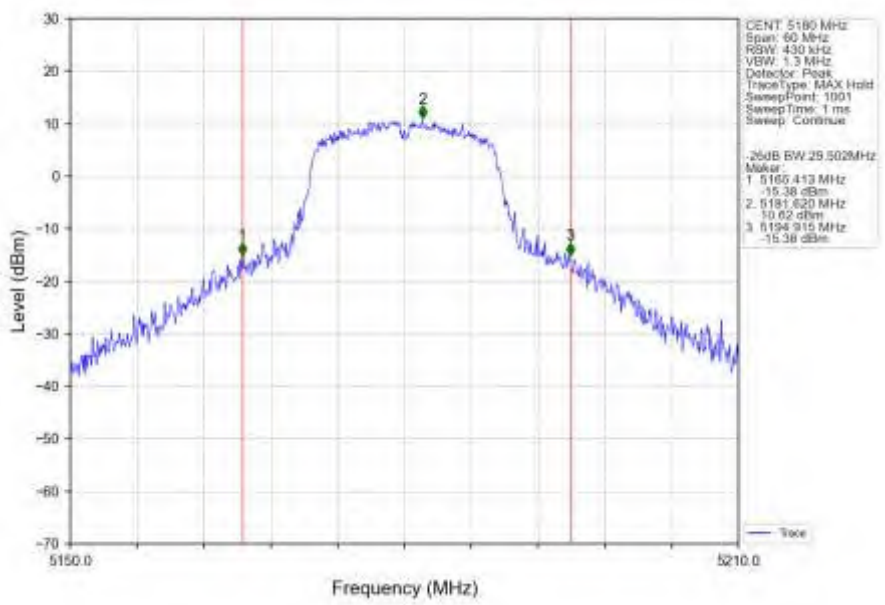
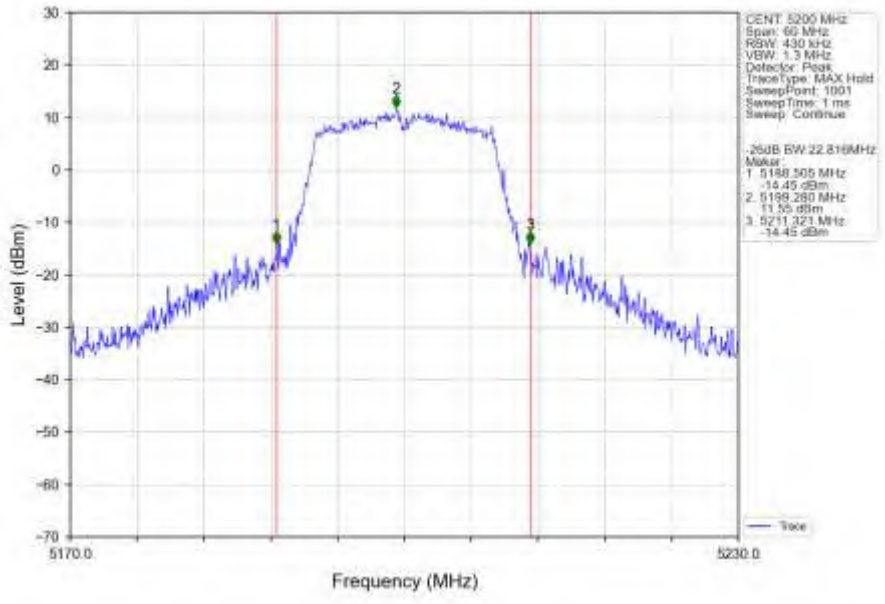
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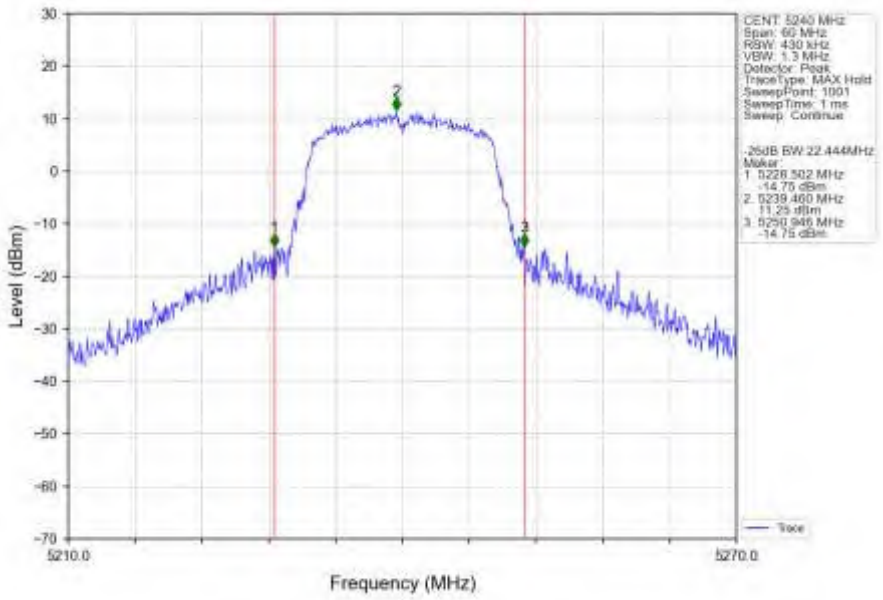
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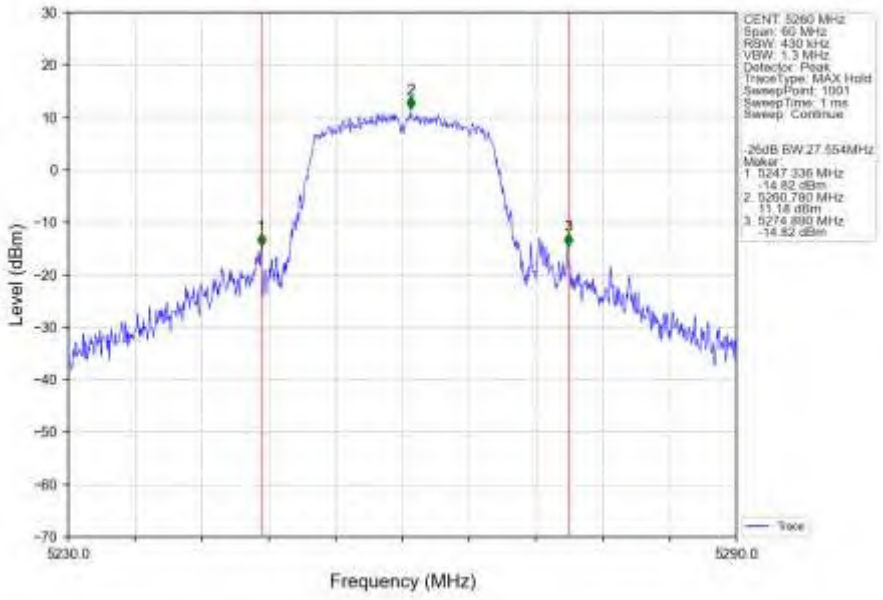
2.2.2 26dB BW

802.11a_LCH_5180MHz_Ant1_NTNV

802.11a_MCH_5200MHz_Ant1_NTNV


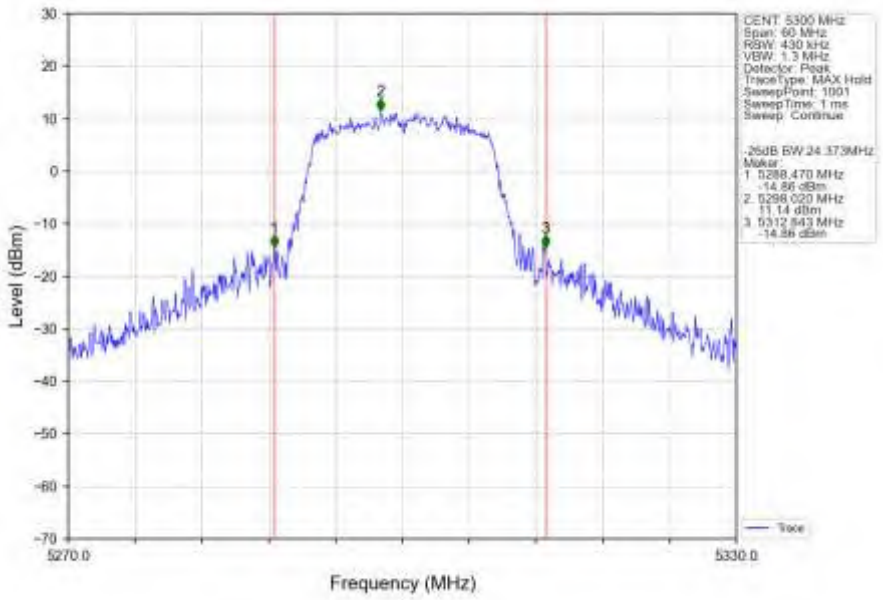
802.11a_HCH_5240MHz_Ant1_NTNV



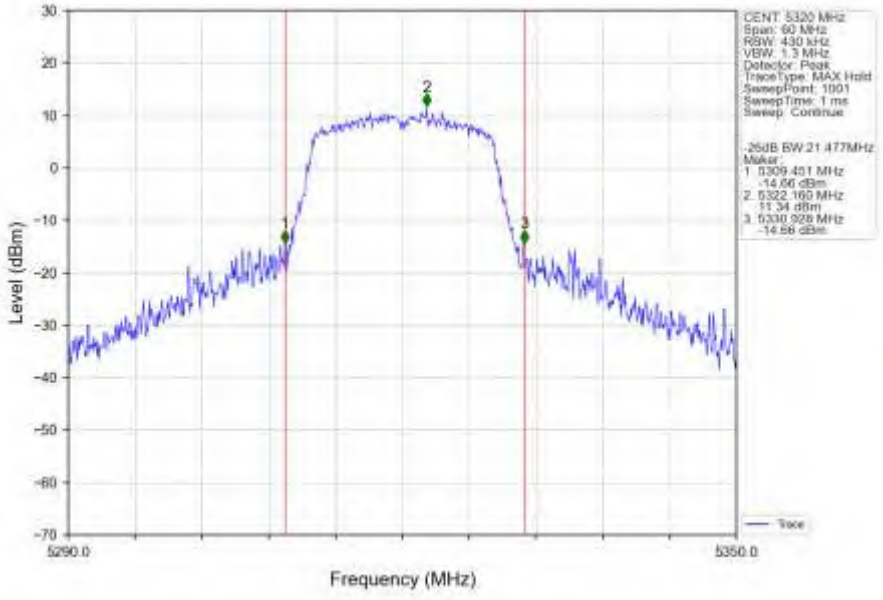
802.11a_LCH_5260MHz_Ant1_NTNV



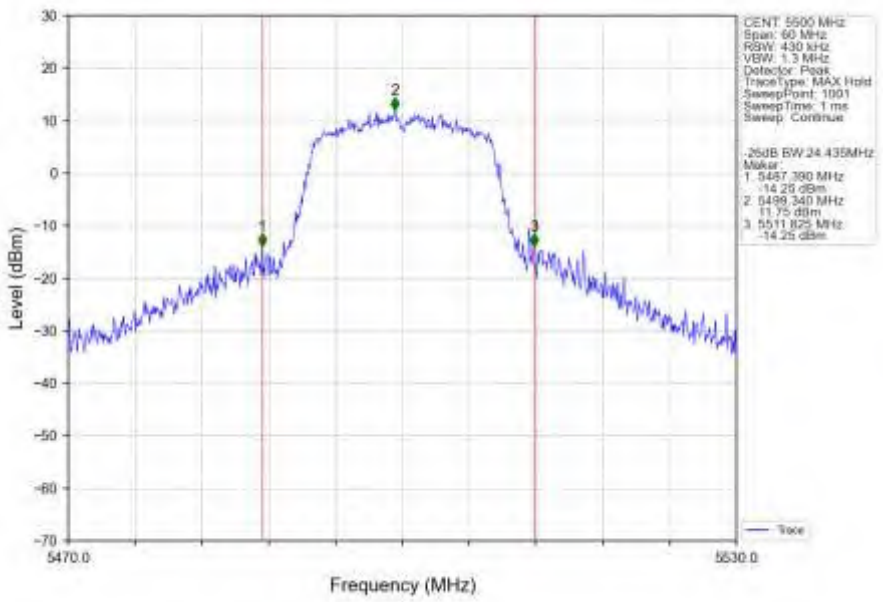
802.11a_MCH_5300MHz_Ant1_NTNV



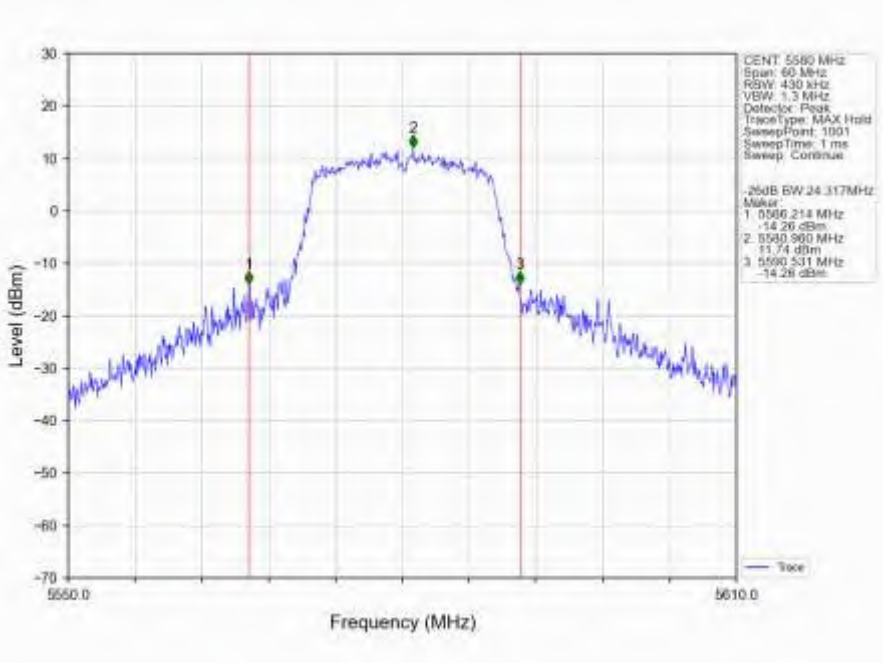
802.11a_HCH_5320MHz_Ant1_NTNV



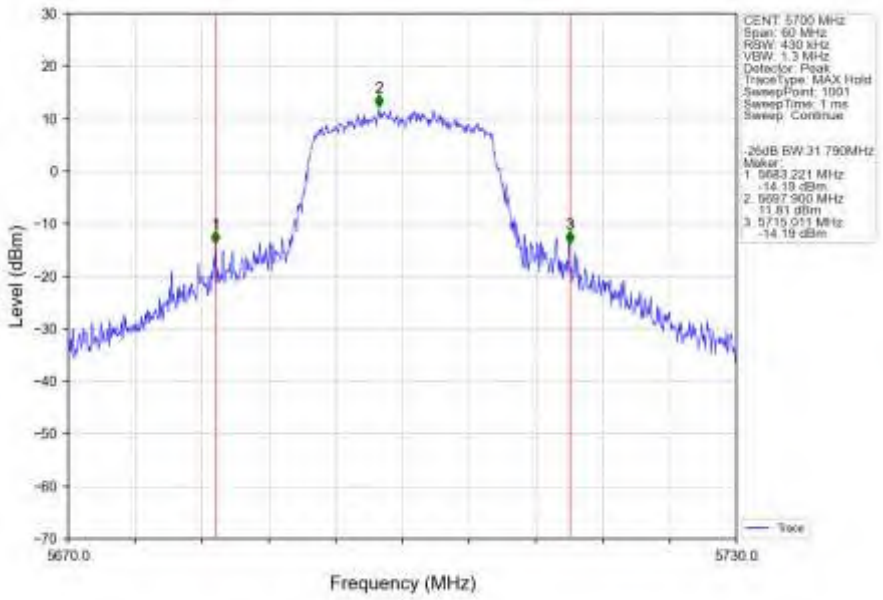
802.11a_LCH_5500MHz_Ant1_NTNV



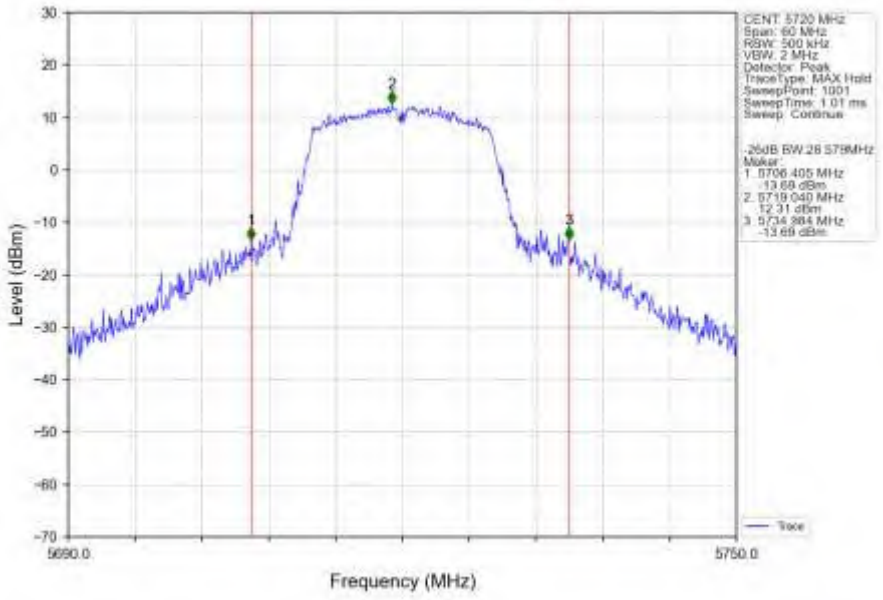
802.11a_MCH_5580MHz_Ant1_NTNV



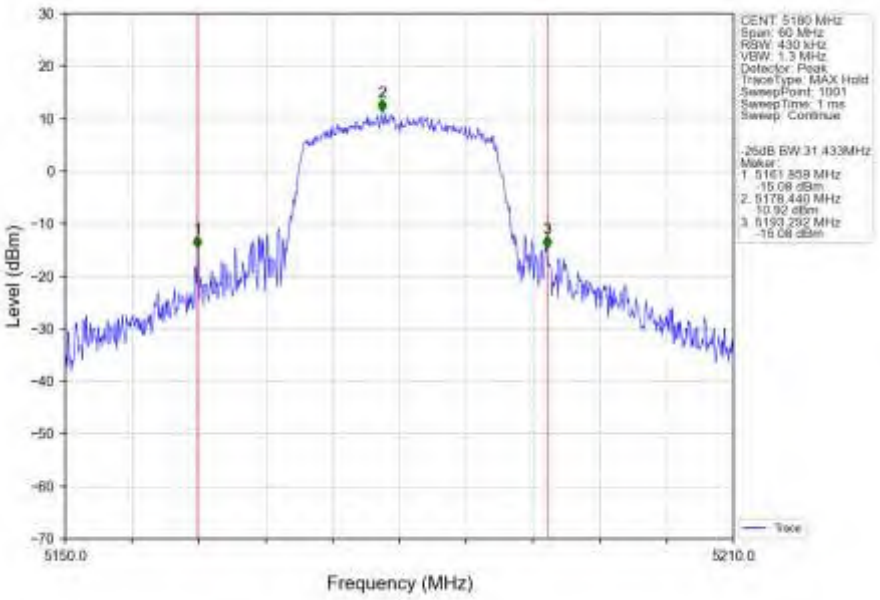
802.11a_HCH_5700MHz_Ant1_NTNV



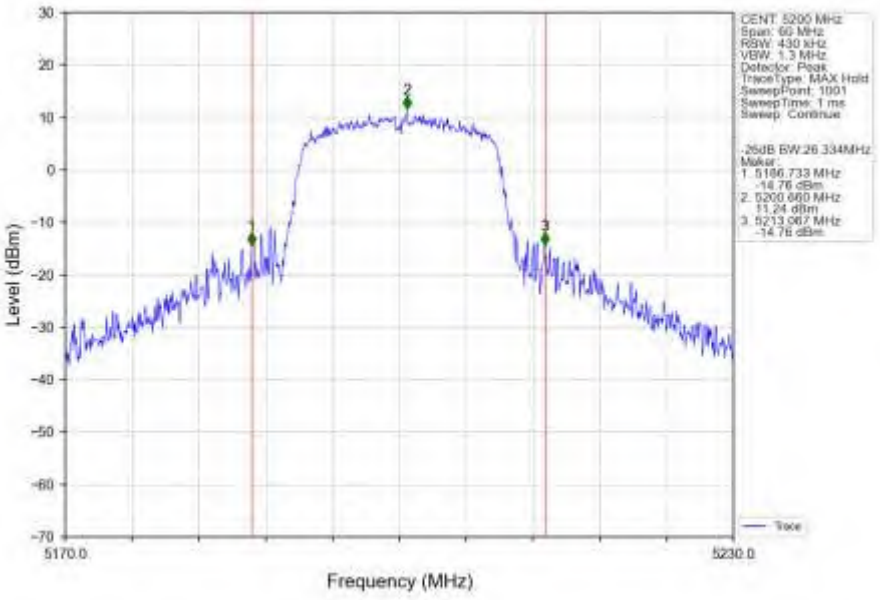
802.11a_HCH_5720MHz_Ant1_NTNV



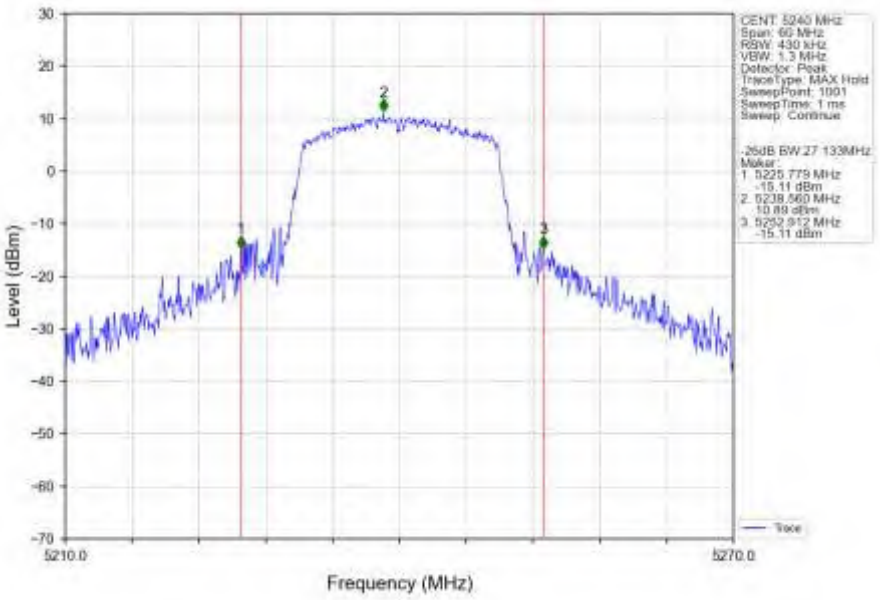
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



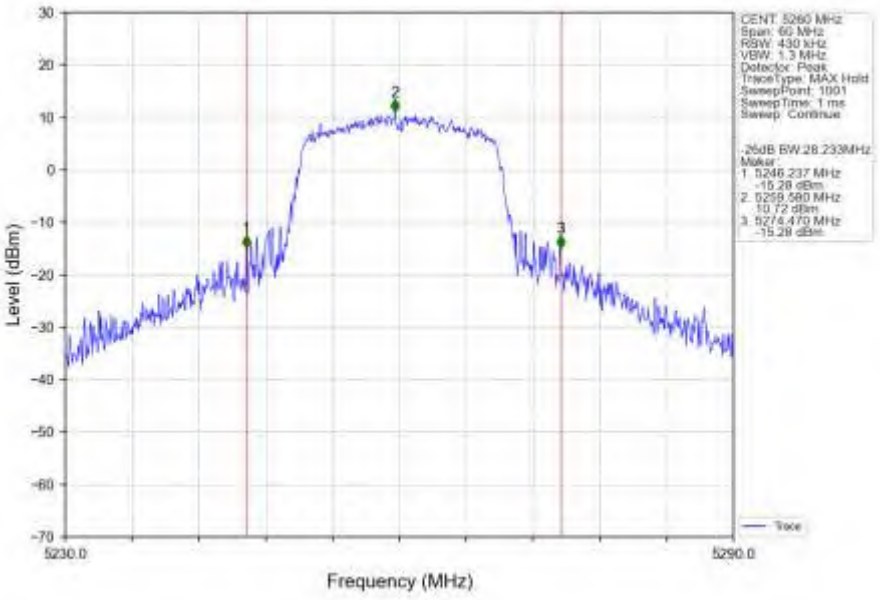
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



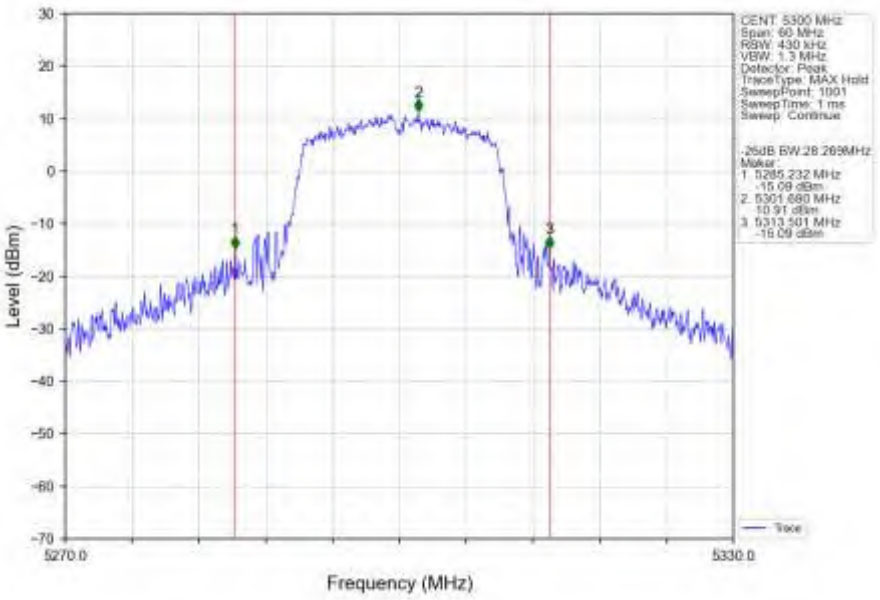
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



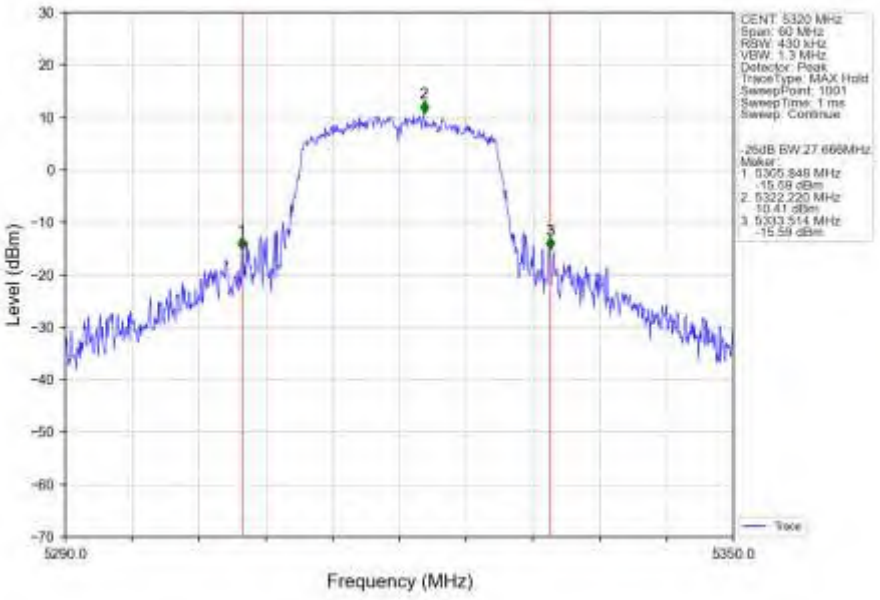
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



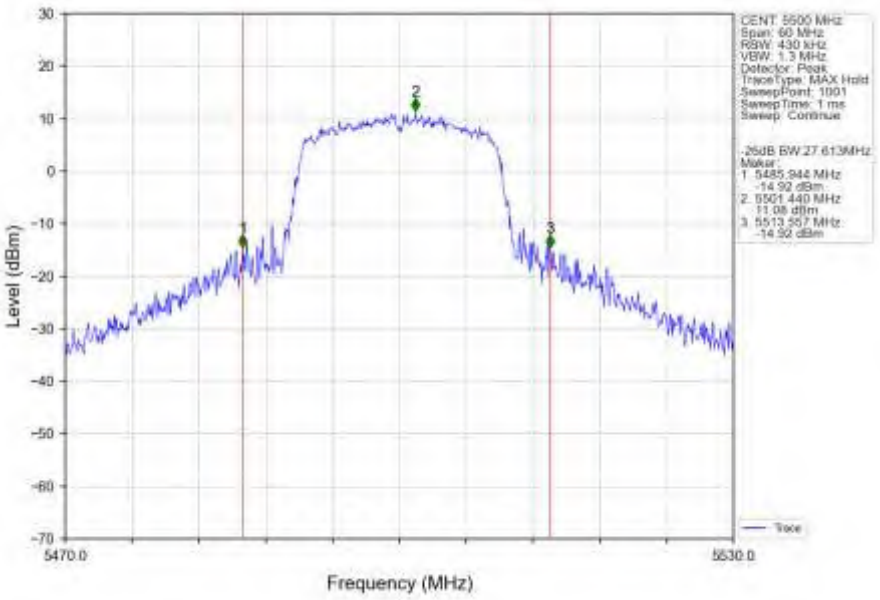
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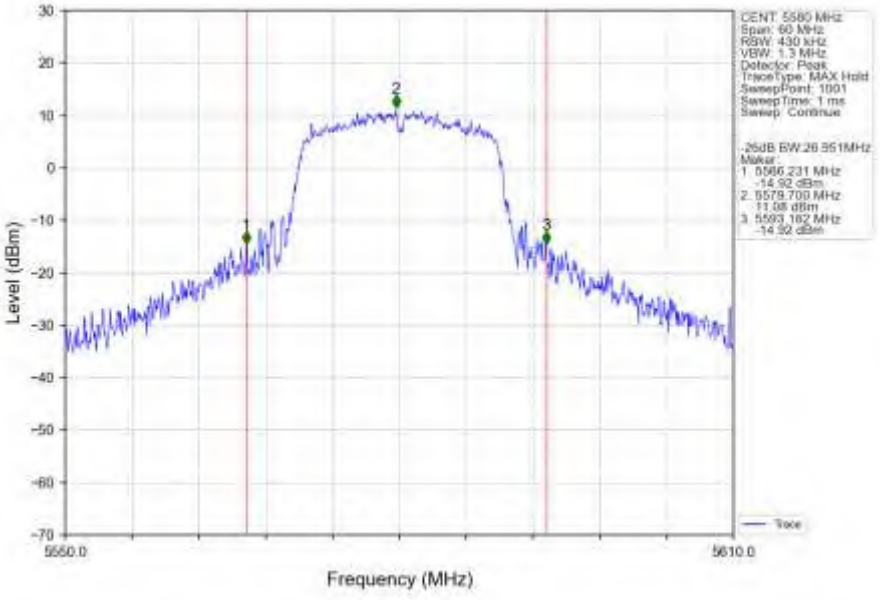
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



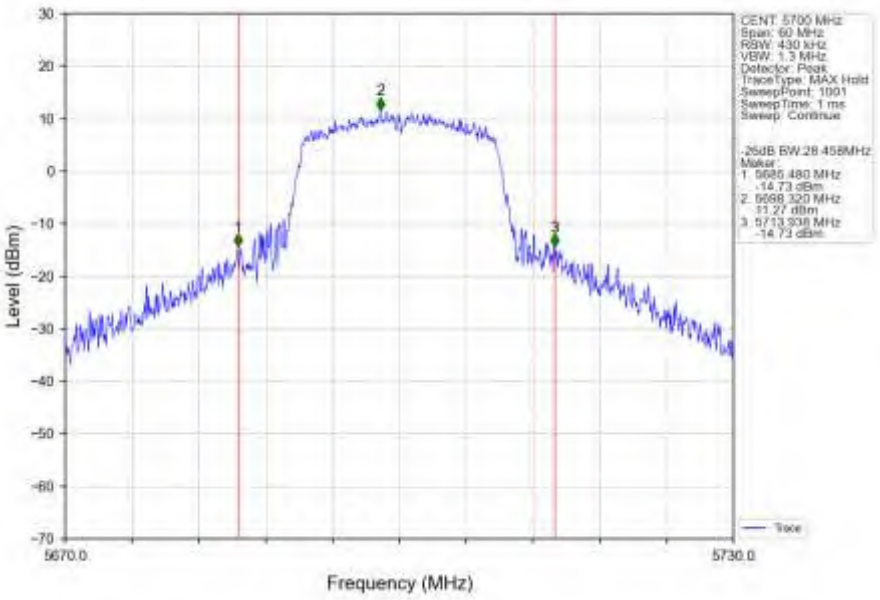
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



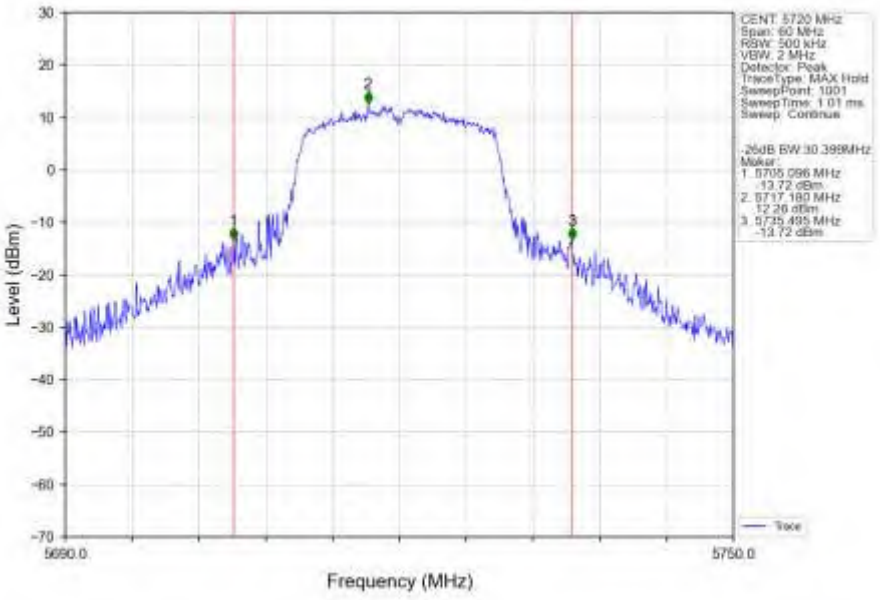
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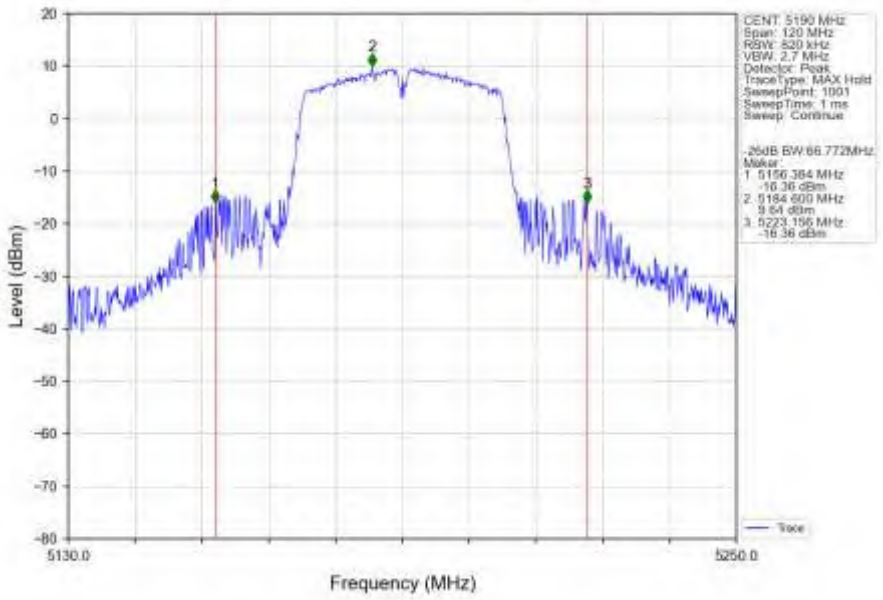
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



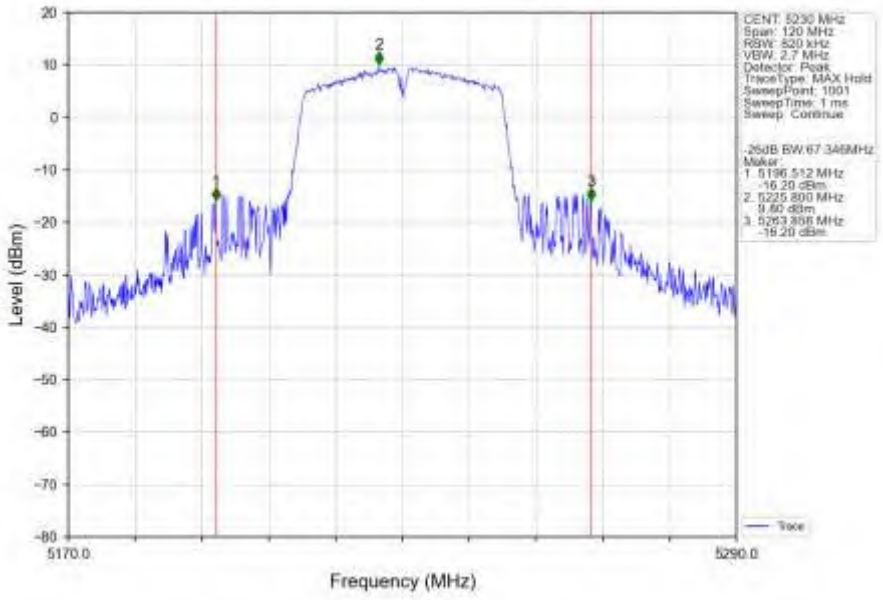
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



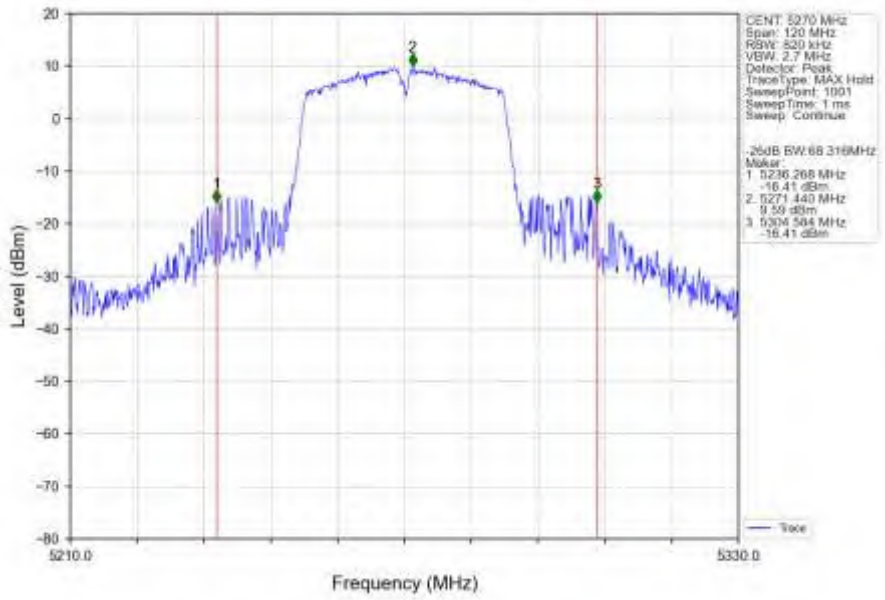
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



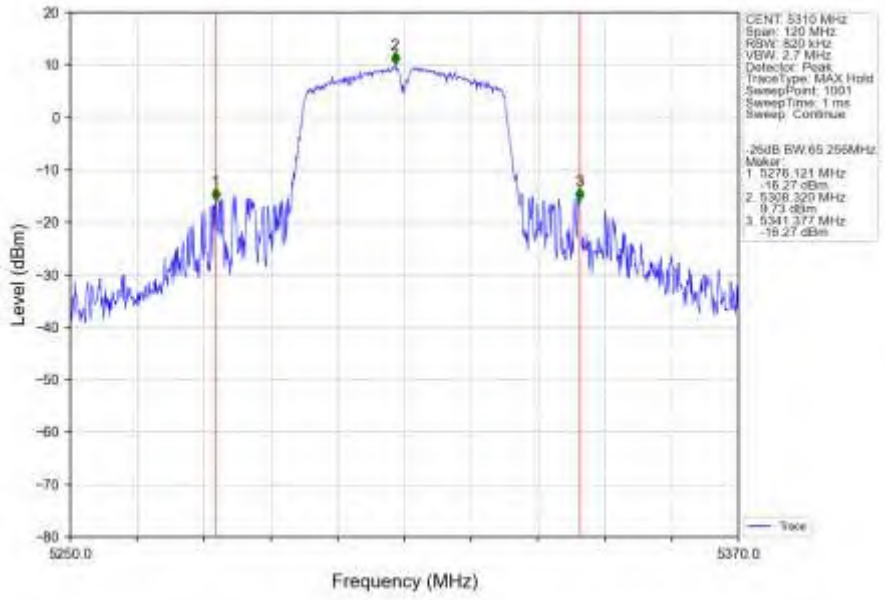
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



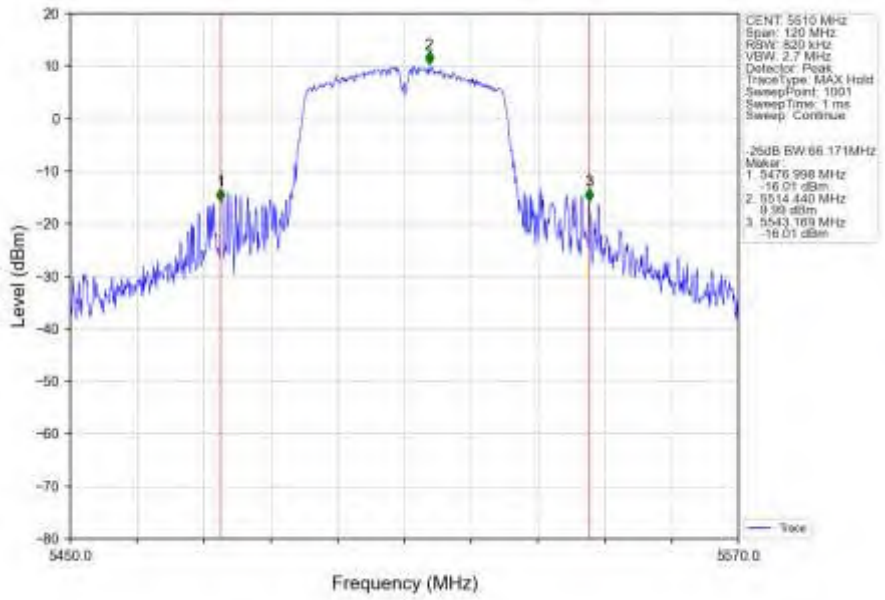
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



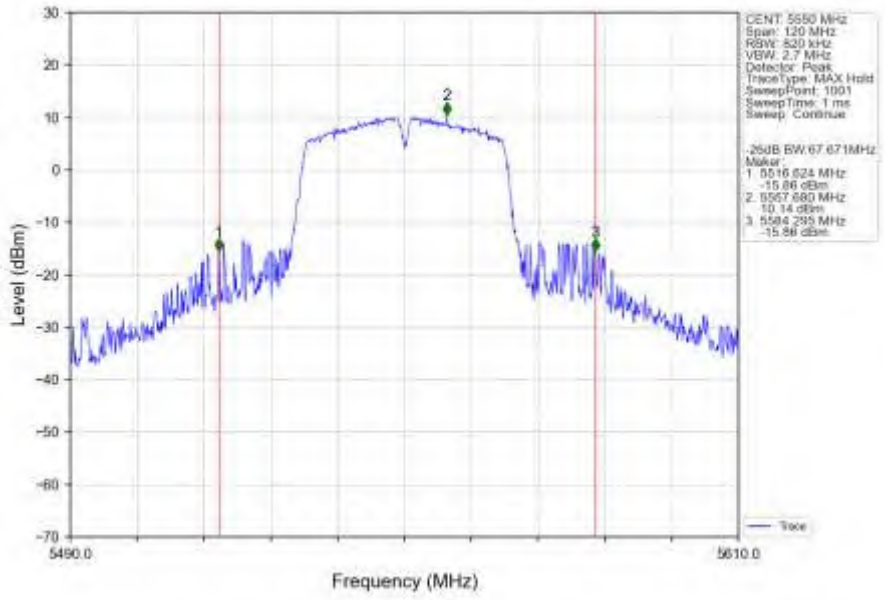
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



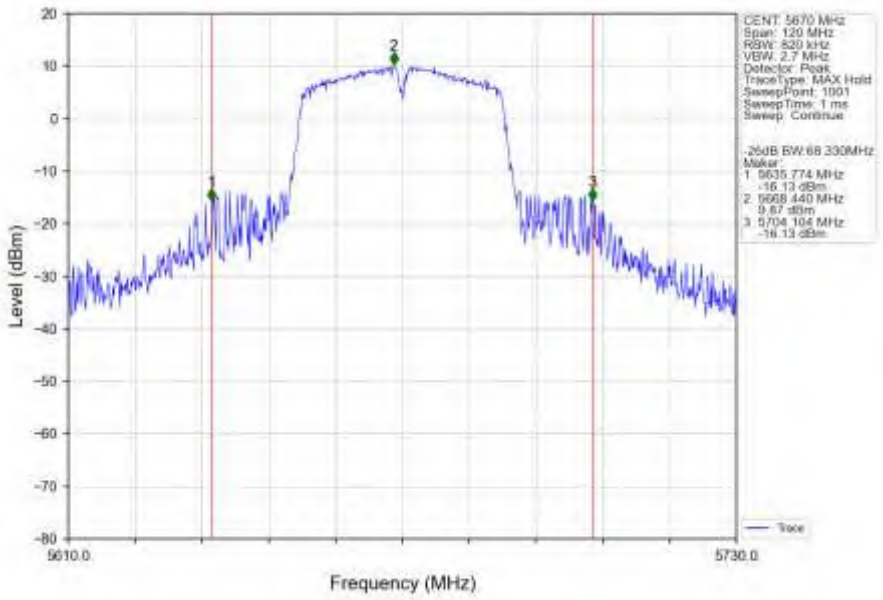
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



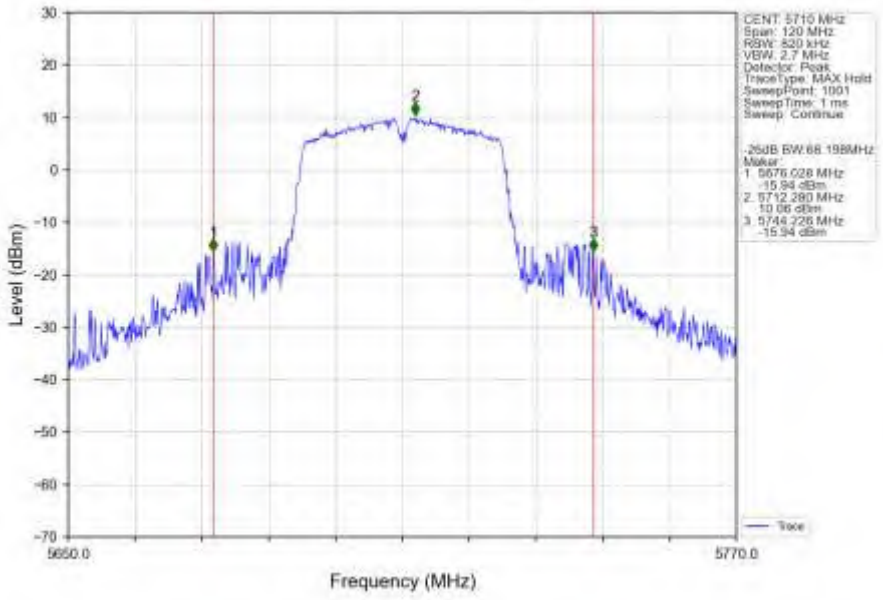
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



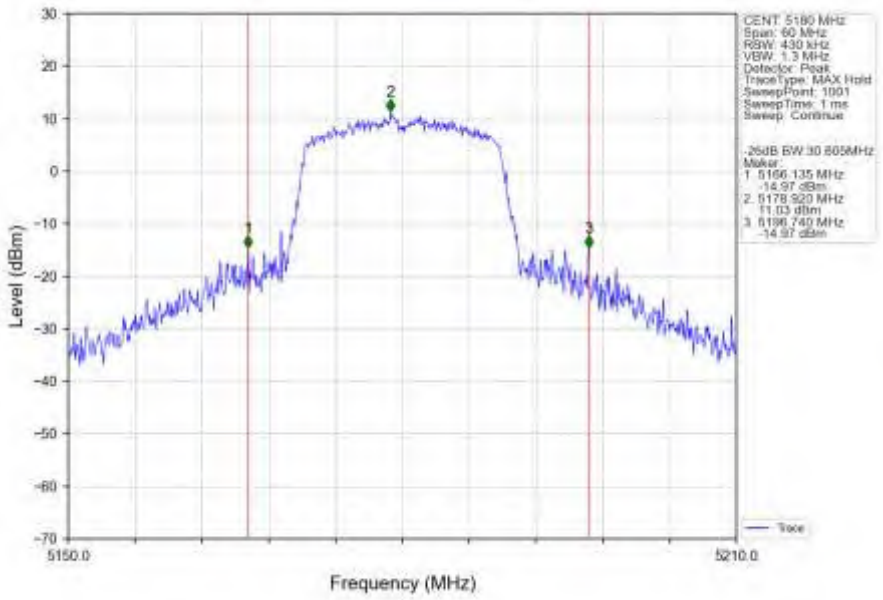
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



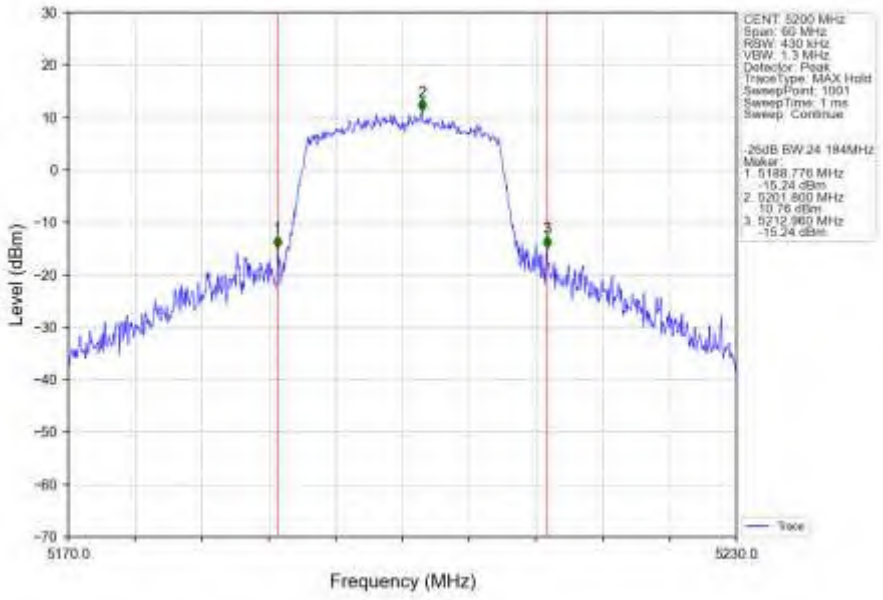
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



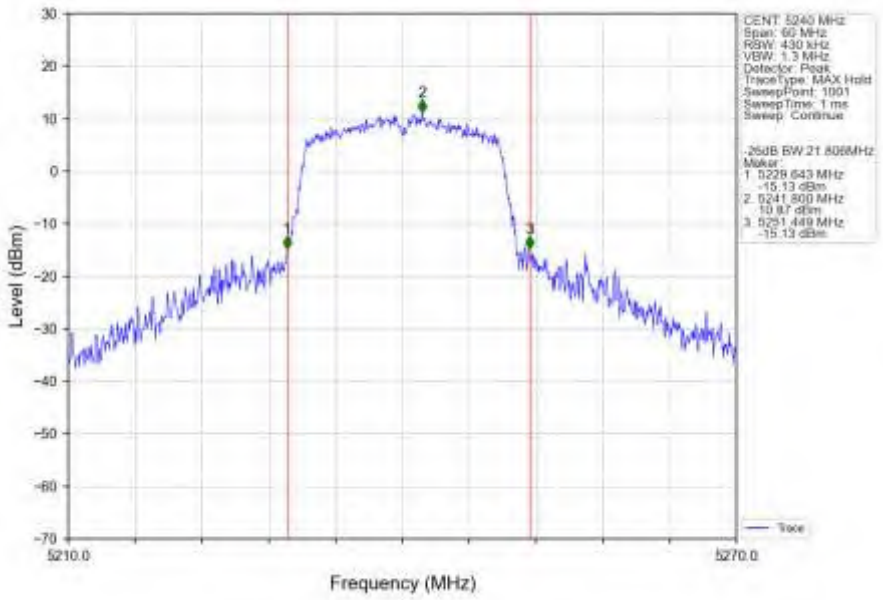
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



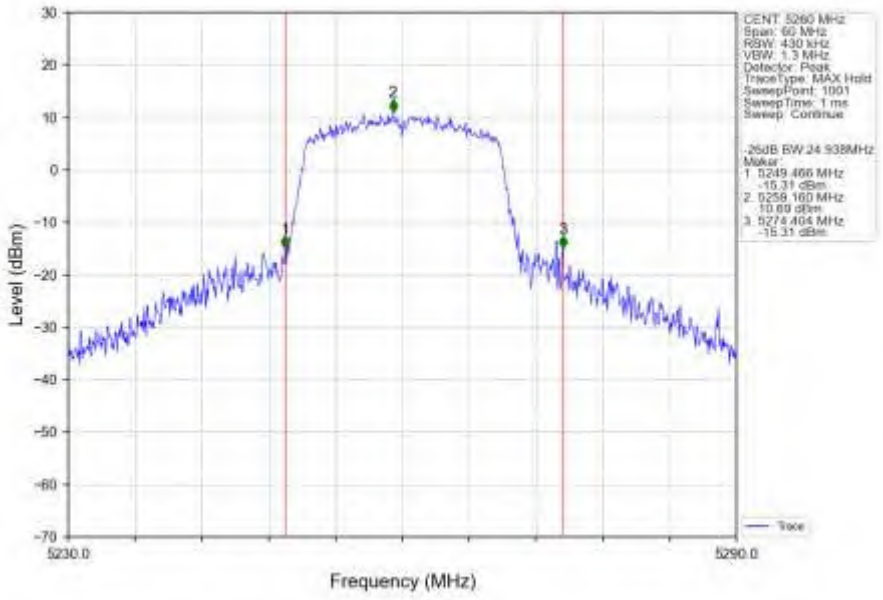
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



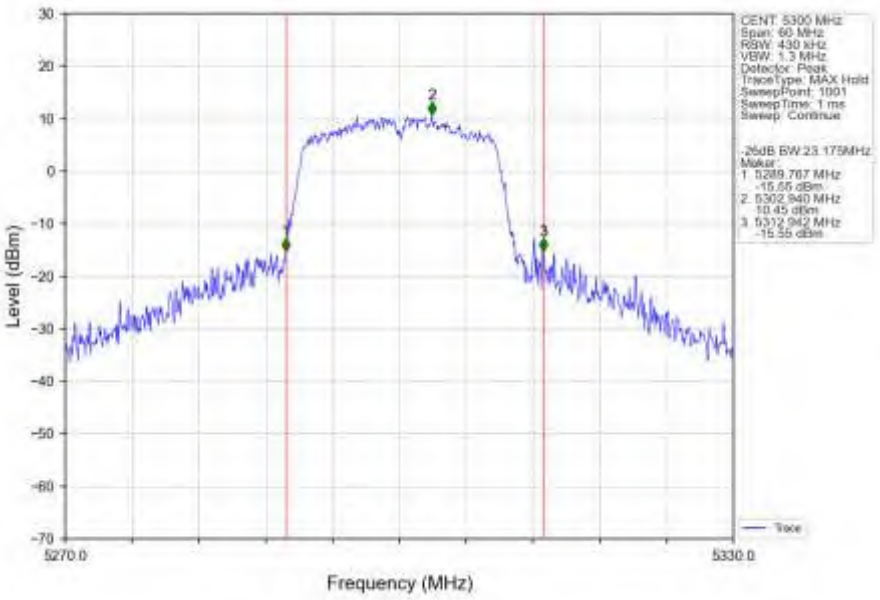
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



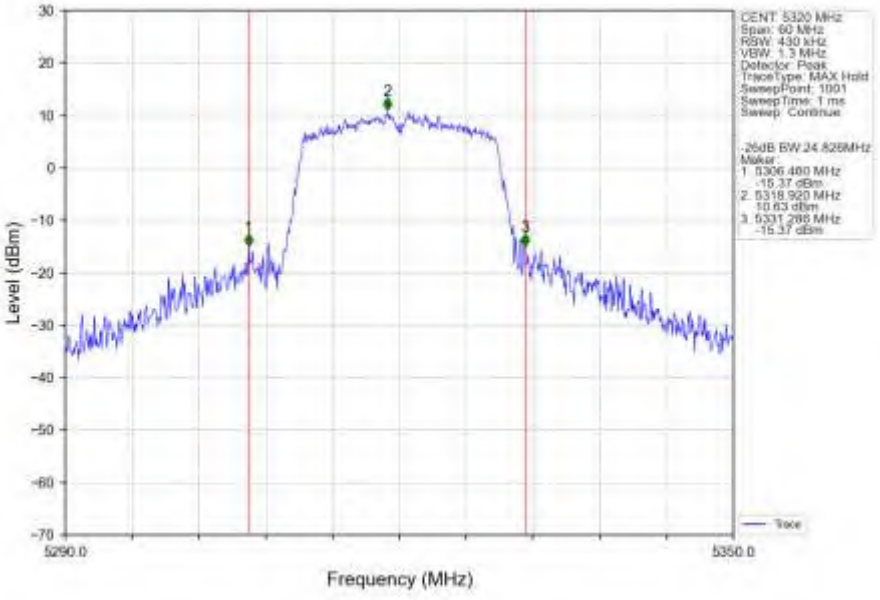
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



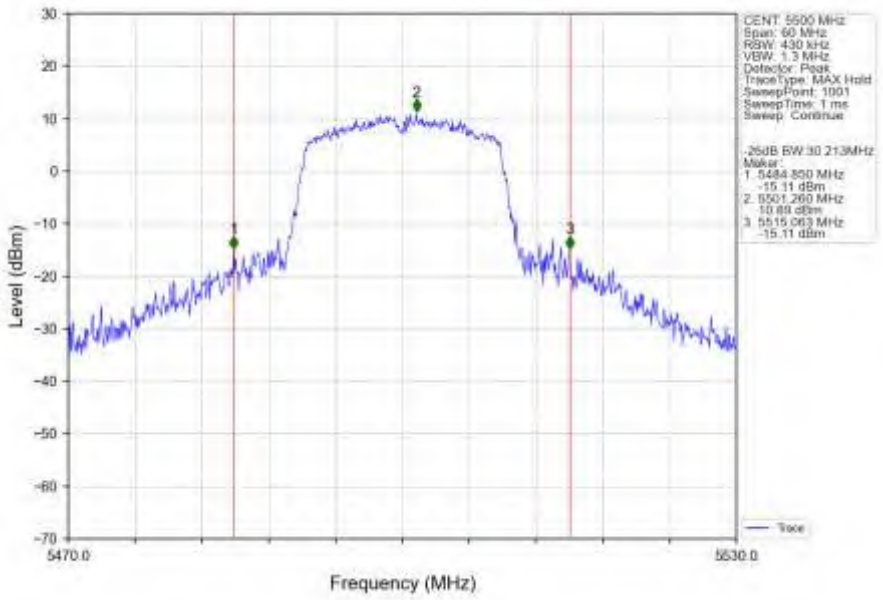
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



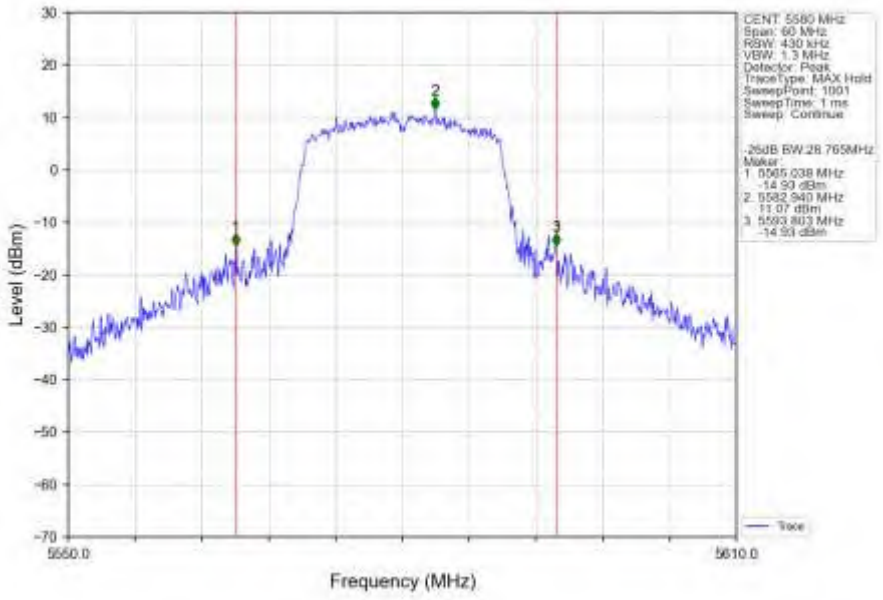
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



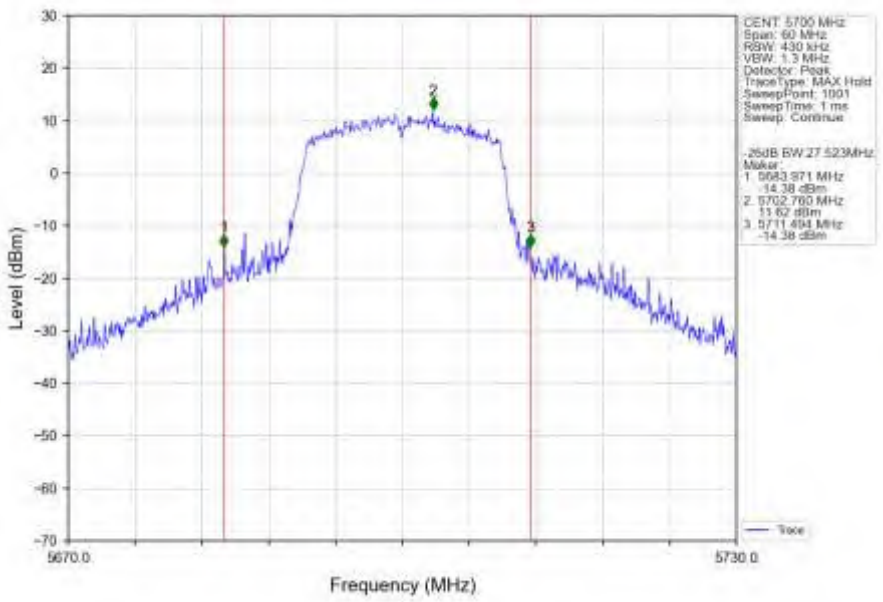
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



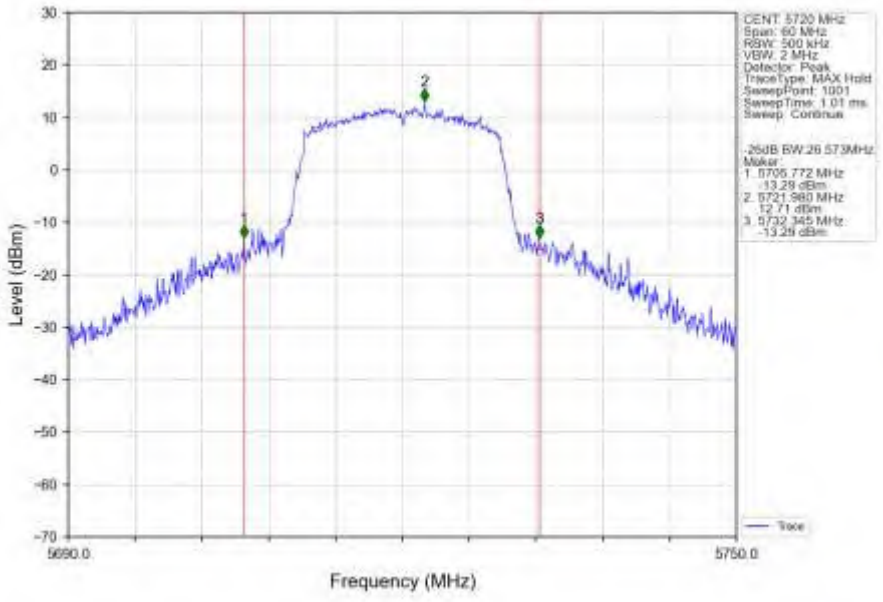
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



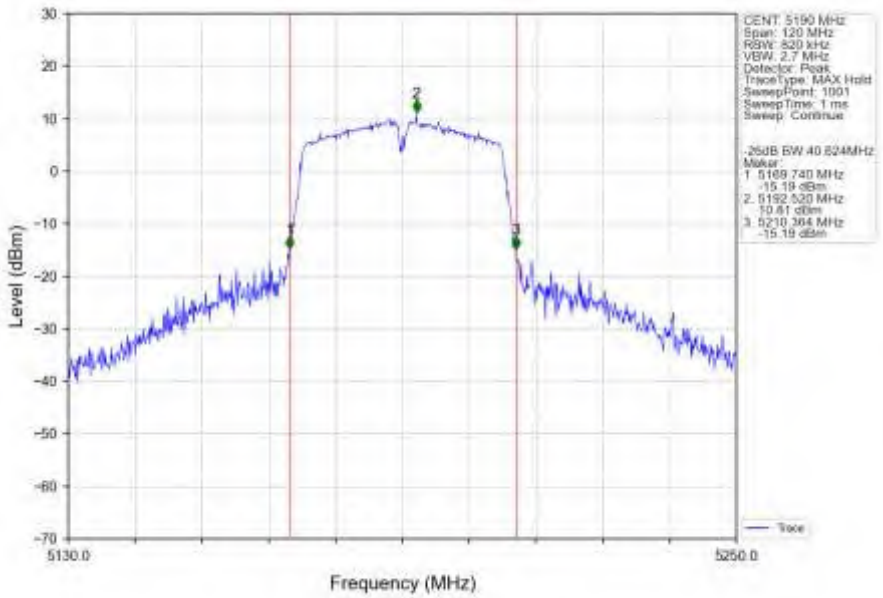
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



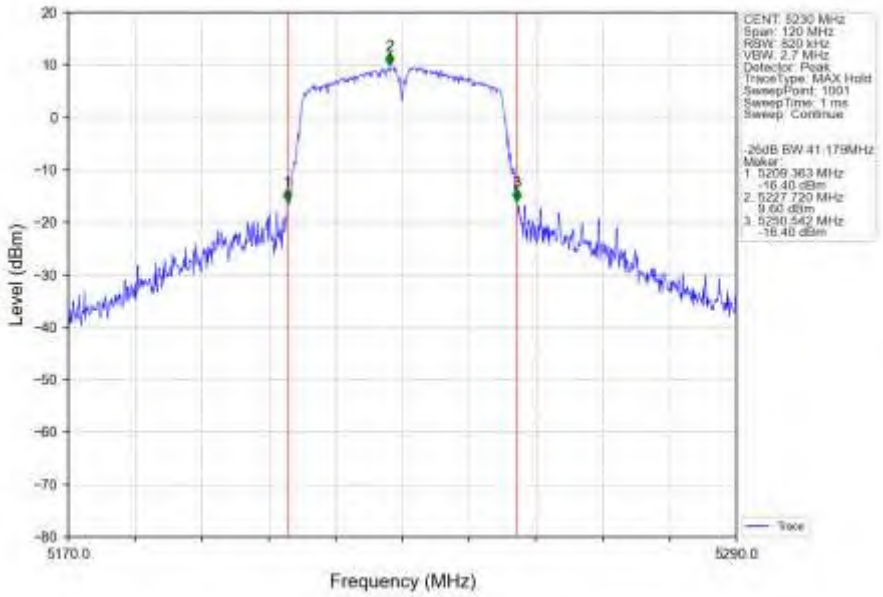
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



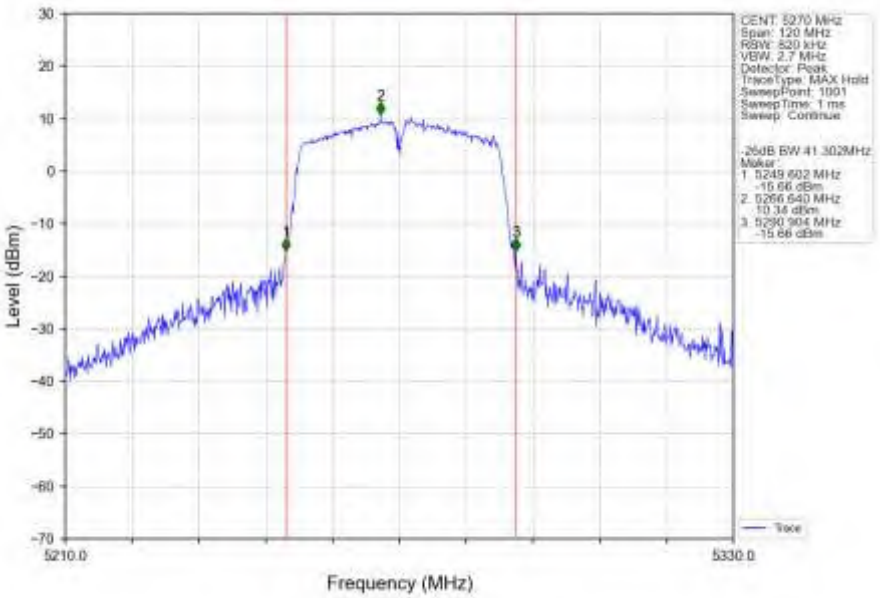
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



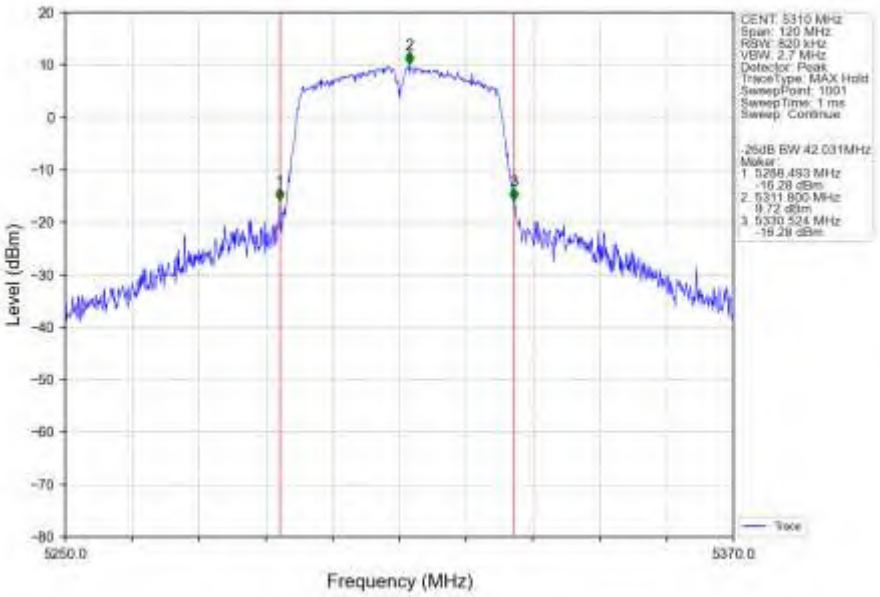
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



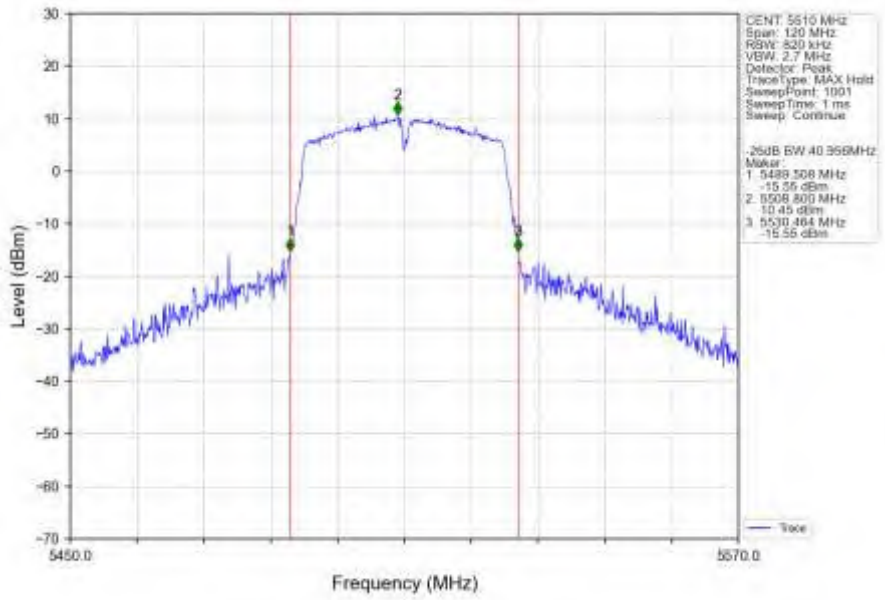
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



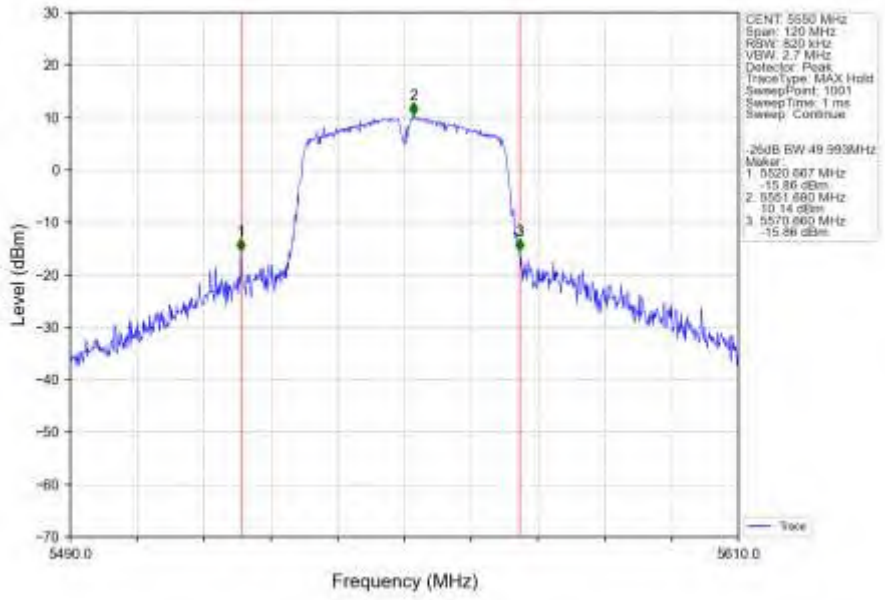
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



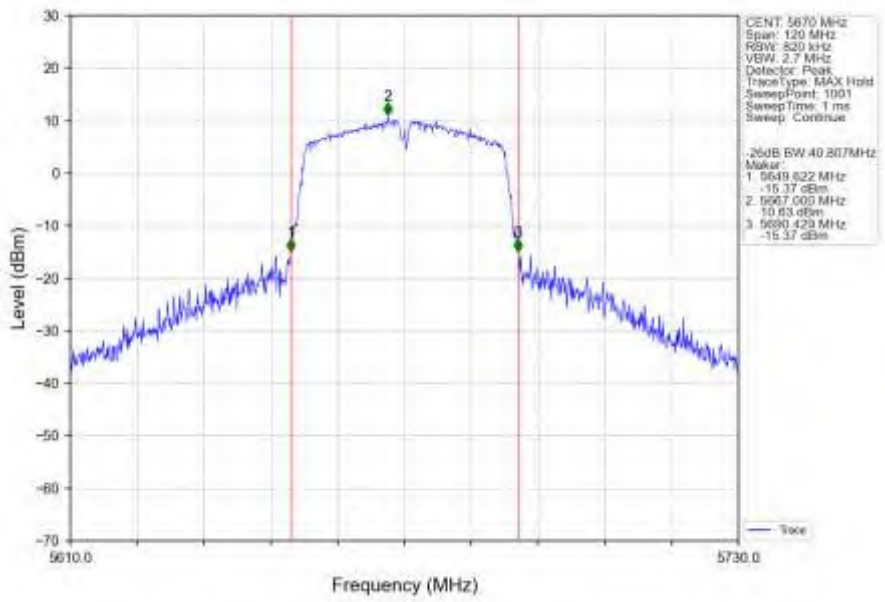
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



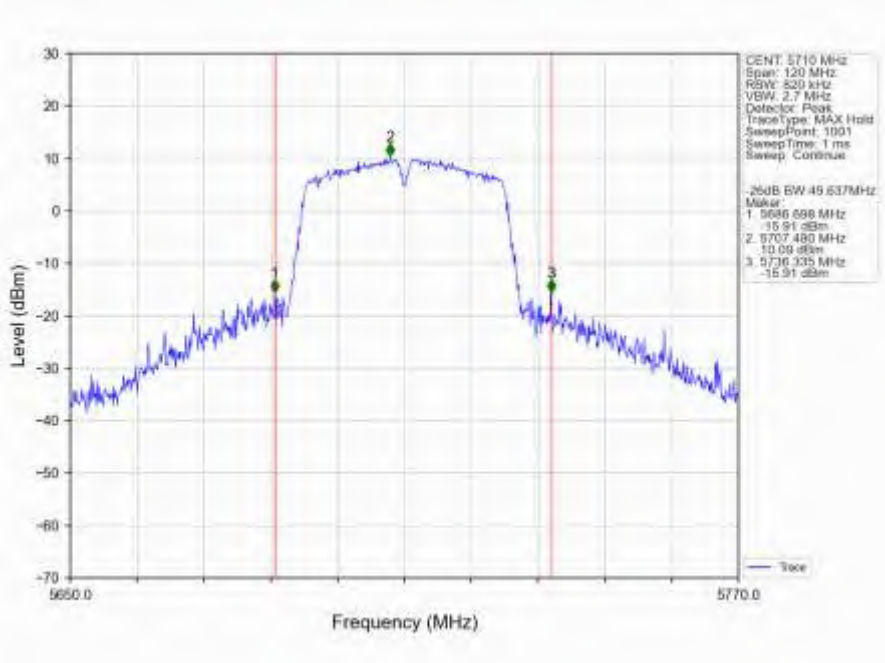
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



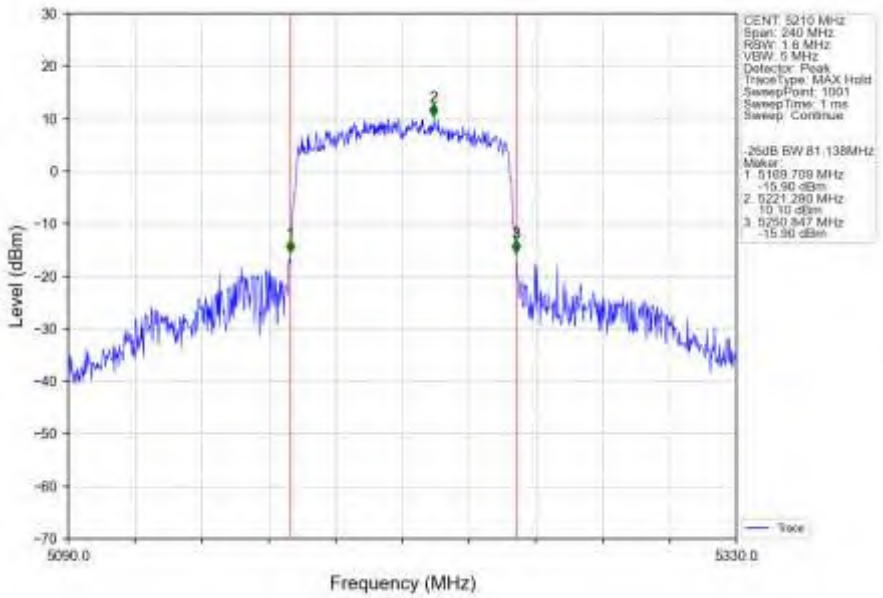
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



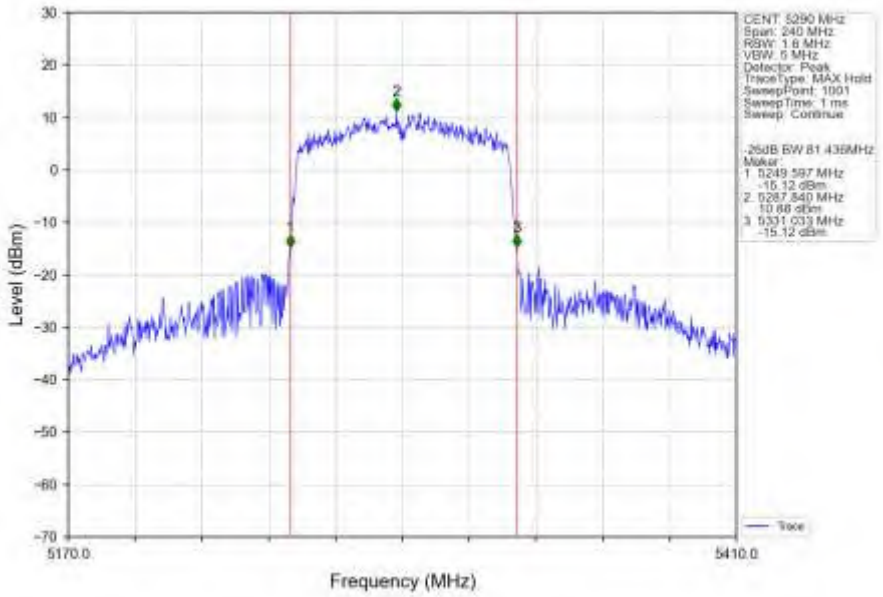
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



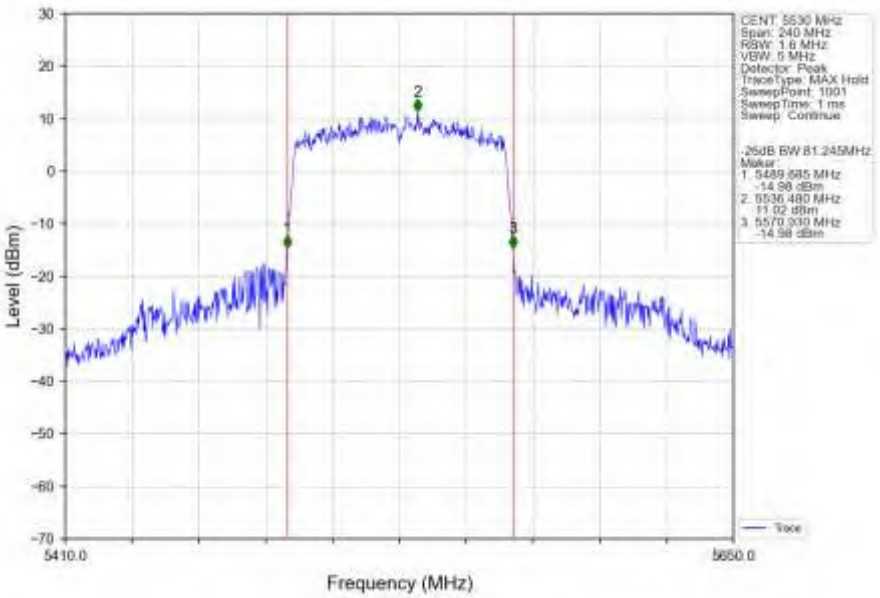
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



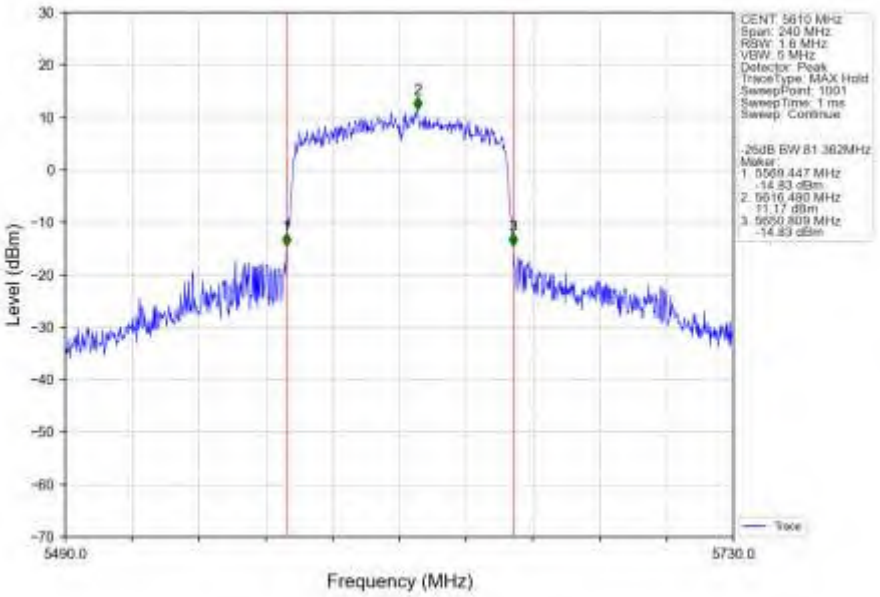
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



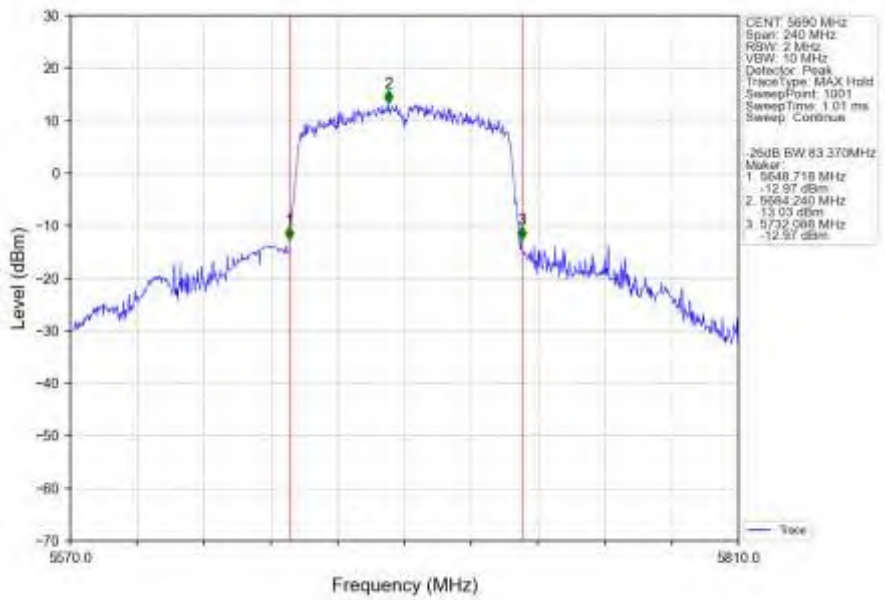
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

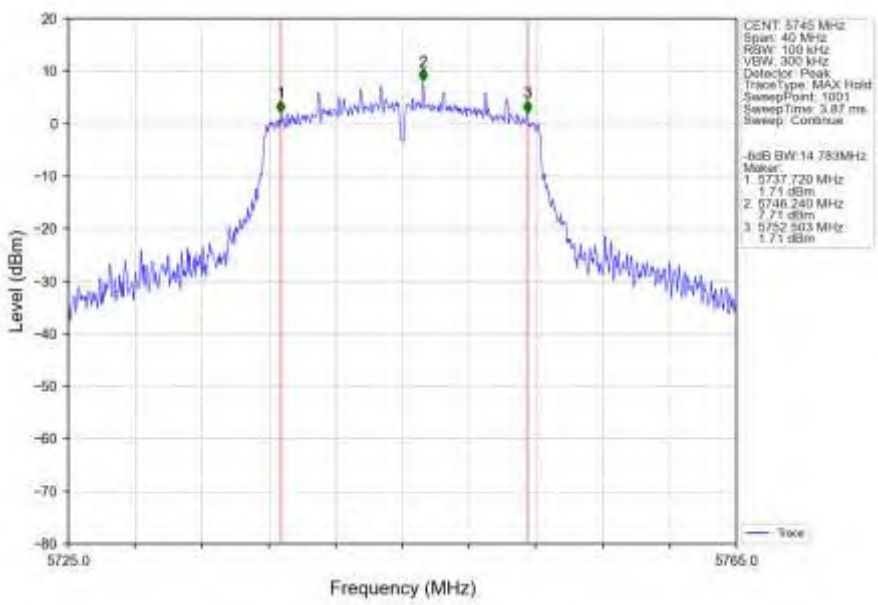


802.11ac(VHT80)_HCH_5690MHz_Ant1_NTNV

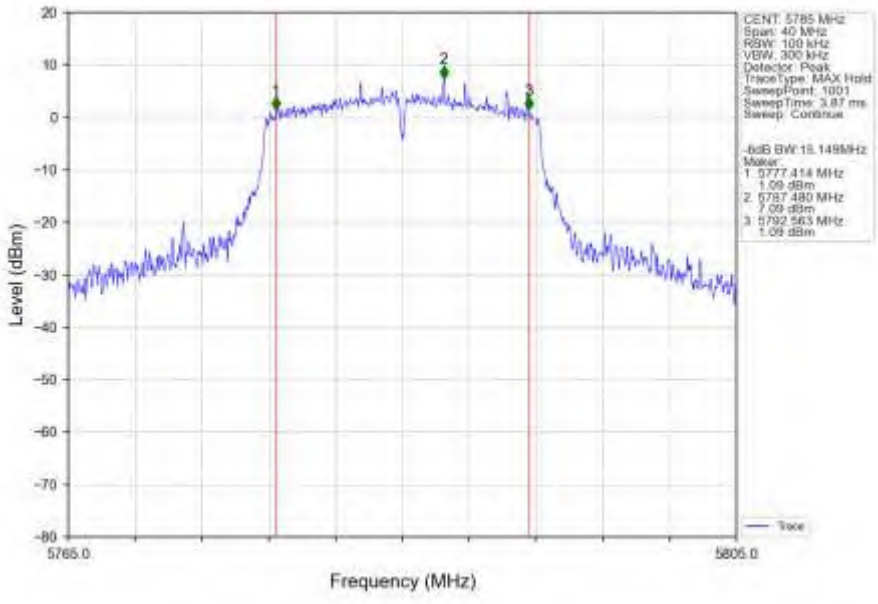


2.2.3 6dB BW

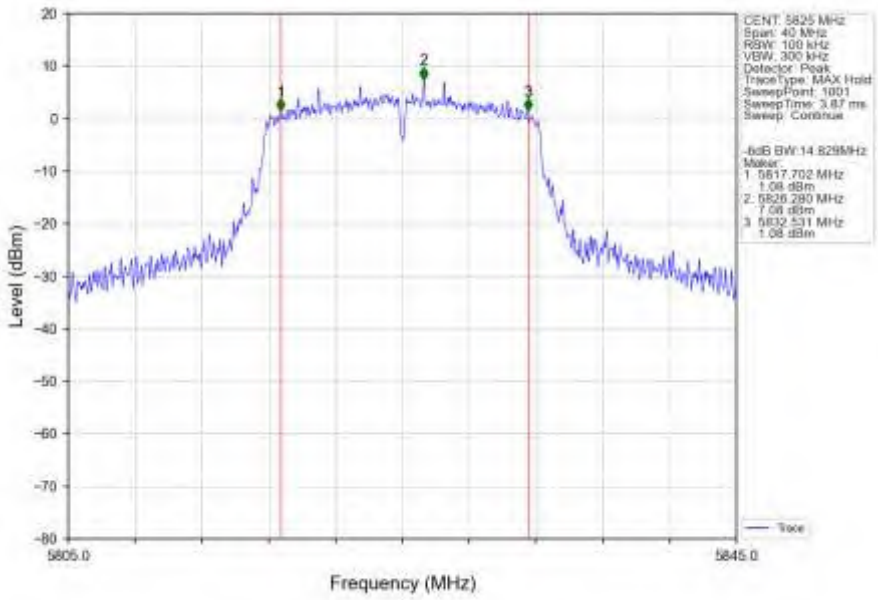
802.11a_LCH_5745MHz_Ant1_NTNV



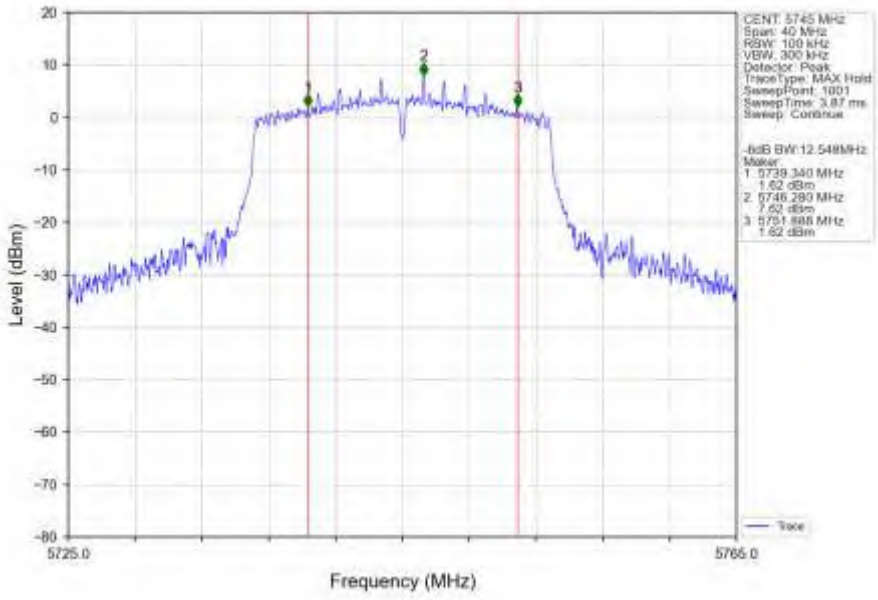
802.11a_MCH_5785MHz_Ant1_NTNV



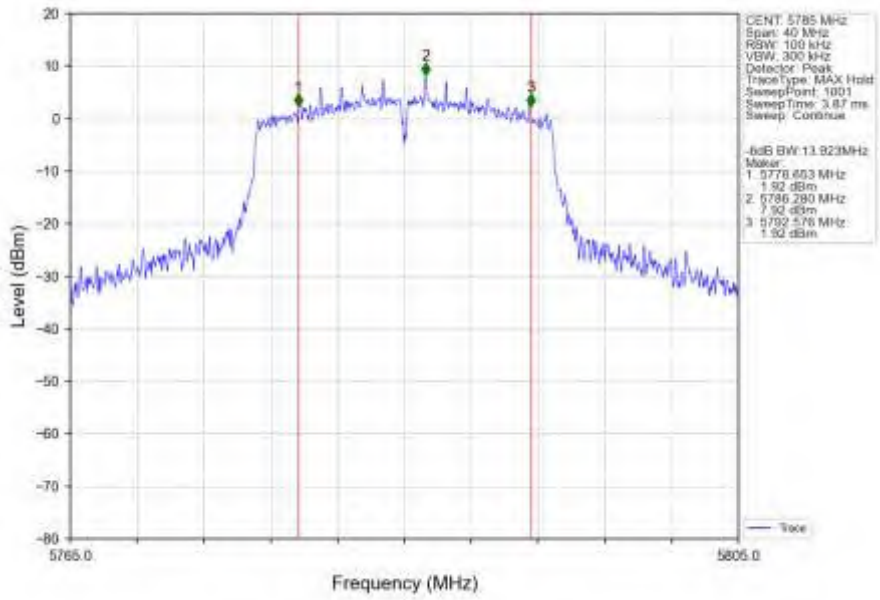
802.11a_HCH_5825MHz_Ant1_NTNV



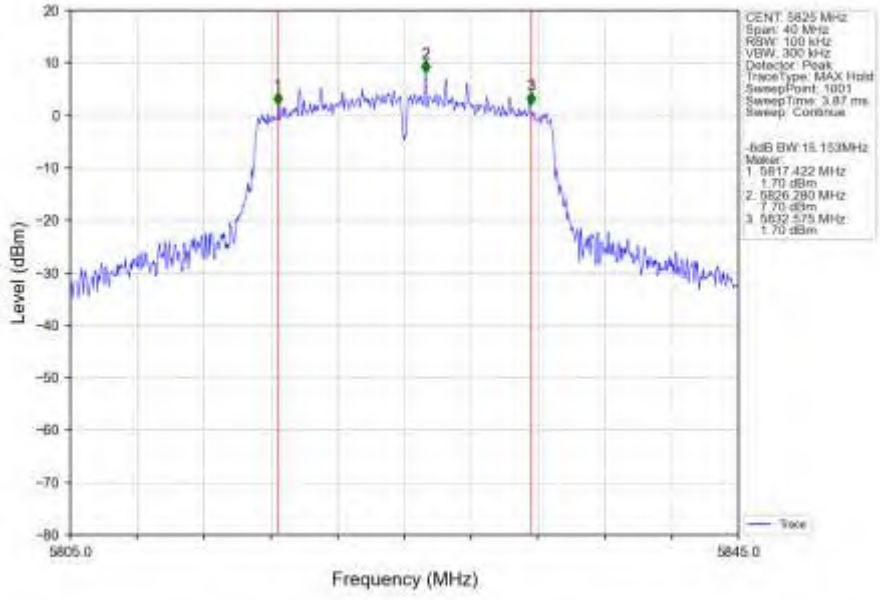
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



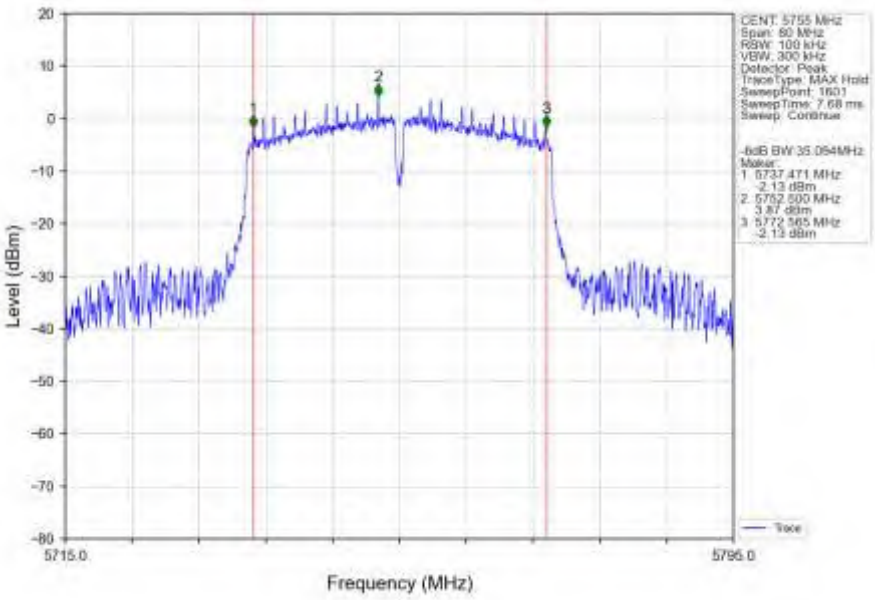
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



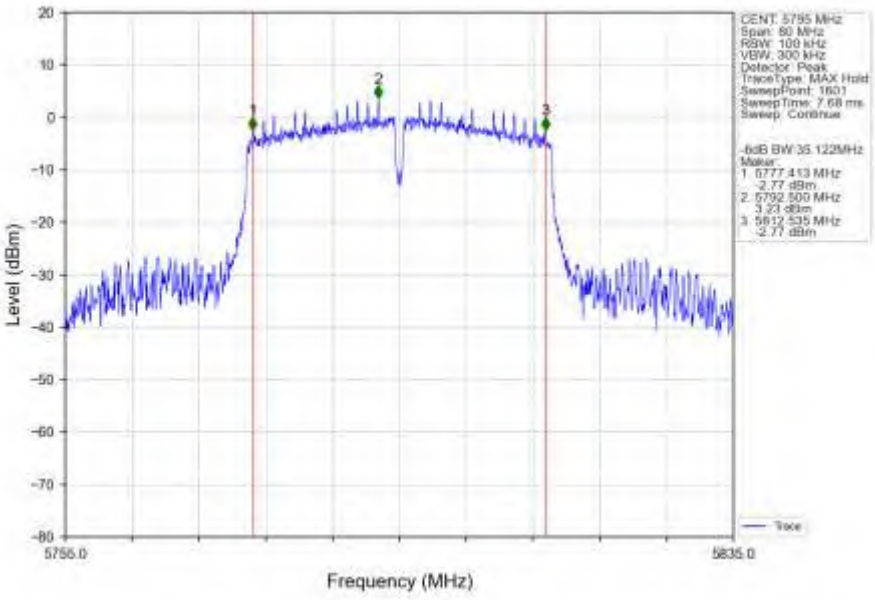
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



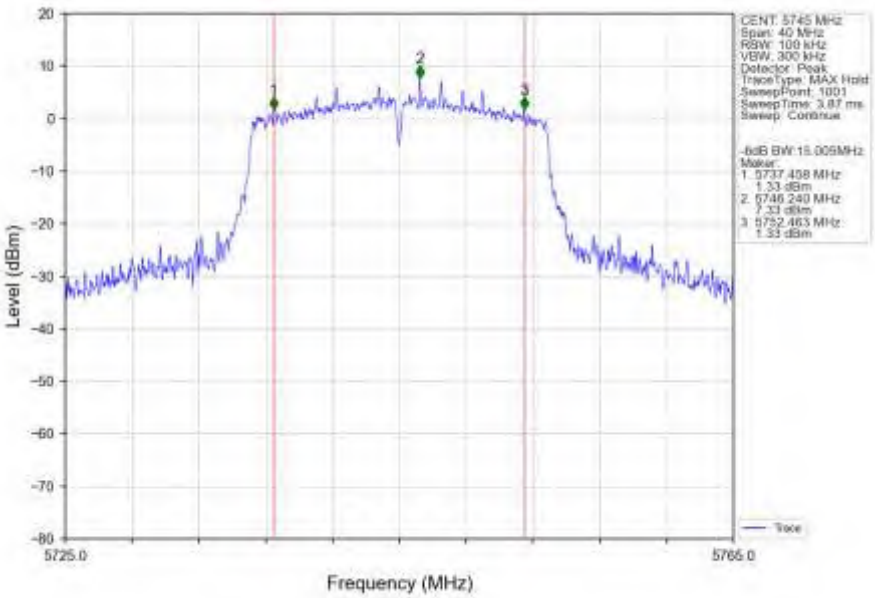
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



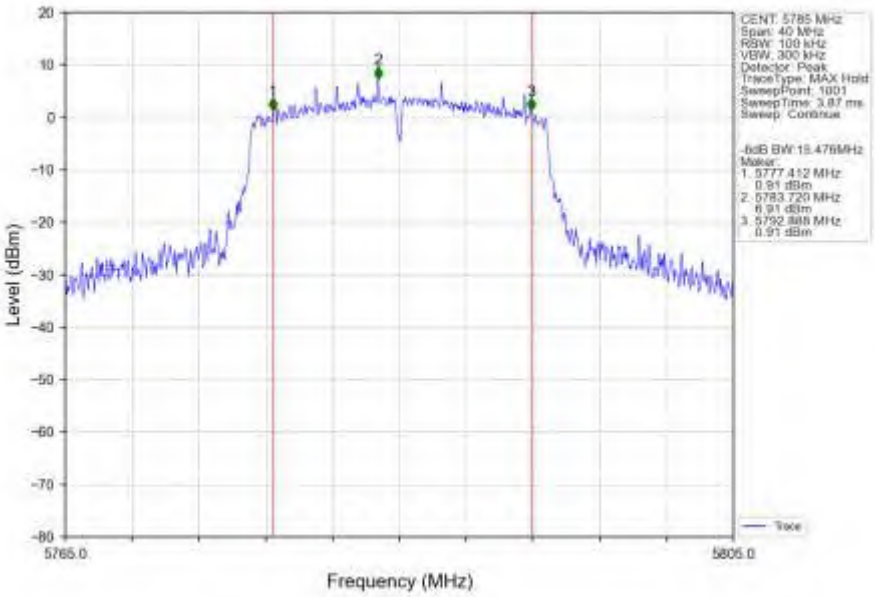
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



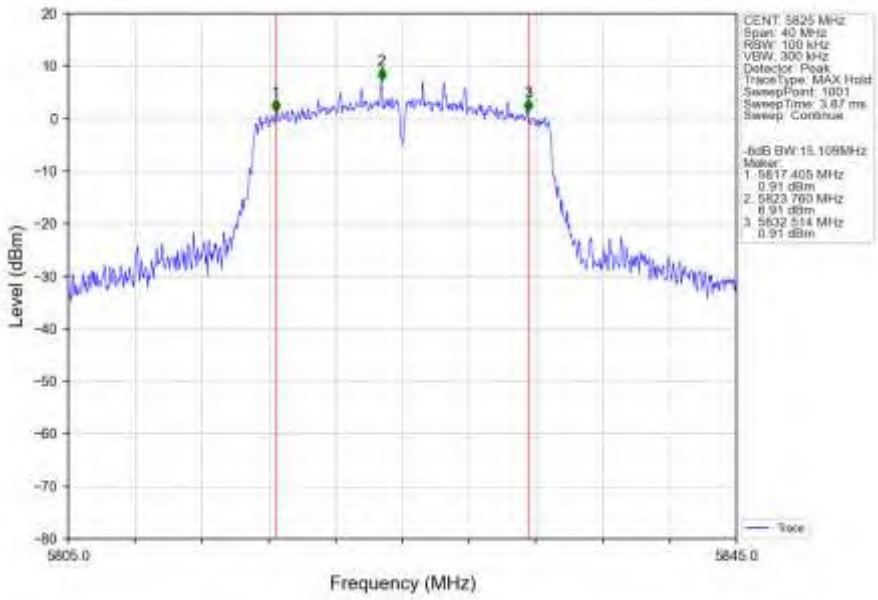
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



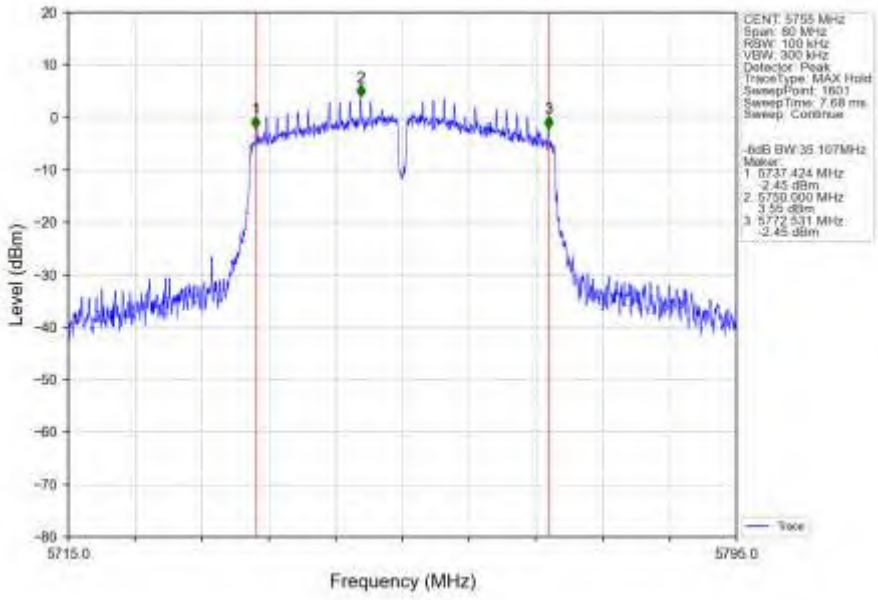
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



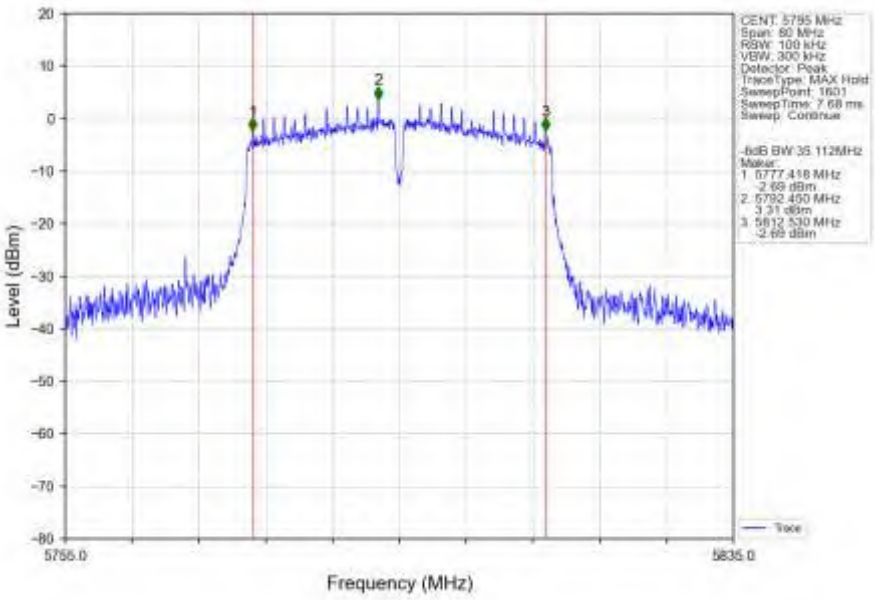
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



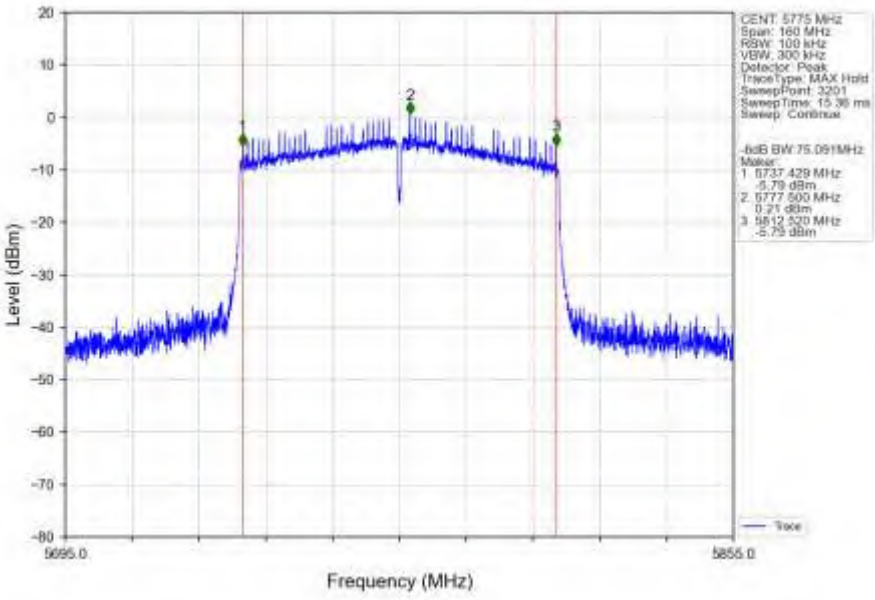
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	15.31	<=23.98	Pass
		5200	17.76	<=23.98	Pass
		5240	17.9	<=23.98	Pass
		5260	17.84	<=23.98	Pass
		5300	17.66	<=23.98	Pass
		5320	14.89	<=23.98	Pass
		5500	15.59	<=23.98	Pass
		5580	18.04	<=23.98	Pass
		5700	14.38	<=23.98	Pass
		5745	17.71	<=30	Pass
		5785	17.8	<=30	Pass
		5825	17.67	<=30	Pass
		5720	18.11	<=23.98	Pass
802.11n (HT20)	SISO	5180	14.81	<=23.98	Pass
		5200	17.59	<=23.98	Pass
		5240	17.63	<=23.98	Pass
		5260	17.62	<=23.98	Pass
		5300	17.58	<=23.98	Pass
		5320	14.51	<=23.98	Pass
		5500	15.89	<=23.98	Pass
		5580	17.79	<=23.98	Pass
		5700	14.11	<=23.98	Pass
		5745	17.54	<=30	Pass
		5785	17.54	<=30	Pass
		5825	17.48	<=30	Pass
		5720	17.98	<=23.98	Pass
802.11n (HT40)	SISO	5190	14.68	<=23.98	Pass
		5230	16.63	<=23.98	Pass
		5270	16.77	<=23.98	Pass
		5310	14.78	<=23.98	Pass
		5510	15.02	<=23.98	Pass
		5550	17.09	<=23.98	Pass
		5670	15.17	<=23.98	Pass
		5755	16.37	<=30	Pass
		5795	16.63	<=30	Pass
		5710	17.03	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	14.88	<=23.98	Pass
		5200	17.54	<=23.98	Pass

		5240	17.61	<=23.98	Pass
		5260	17.57	<=23.98	Pass
		5300	17.41	<=23.98	Pass
		5320	14.47	<=23.98	Pass
		5500	15.92	<=23.98	Pass
		5580	17.89	<=23.98	Pass
		5700	14.21	<=23.98	Pass
		5745	17.47	<=30	Pass
		5785	17.47	<=30	Pass
		5825	17.42	<=30	Pass
		5720	18.01	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	14.71	<=23.98	Pass
		5230	16.65	<=23.98	Pass
		5270	16.69	<=23.98	Pass
		5310	14.83	<=23.98	Pass
		5510	15.11	<=23.98	Pass
		5550	17.04	<=23.98	Pass
		5670	15.19	<=23.98	Pass
		5755	16.53	<=30	Pass
		5795	16.53	<=30	Pass
		5710	17.09	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	13.59	<=23.98	Pass
		5290	13.11	<=23.98	Pass
		5530	13.07	<=23.98	Pass
		5610	16.01	<=23.98	Pass
		5775	15.69	<=30	Pass
		5690	16.06	<=23.98	Pass

Note1: Antenna Gain:
- Band: 3 Ant1: 0.80dBi;
- Band: 2A Ant1: 1.80dBi;
- Band: 2C Ant1: 1.40dBi;
- Band: 1+2A Ant1: 1.80dBi;
- Band: 2C+3 Ant1: 1.40dBi;
- Band: 1 Ant1: 1.90dBi;

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	7.36	<=11	Pass
		5200	7.50	<=11	Pass
		5240	7.69	<=11	Pass
		5260	7.55	<=11	Pass
		5300	7.35	<=11	Pass
		5320	7.30	<=11	Pass
		5500	7.86	<=11	Pass
		5580	7.77	<=11	Pass
		5700	8.02	<=11	Pass
		5720	8.37	<=11	Pass
802.11n (HT20)	SISO	5180	7.19	<=11	Pass
		5200	7.27	<=11	Pass
		5240	7.19	<=11	Pass
		5260	7.10	<=11	Pass
		5300	7.00	<=11	Pass
		5320	7.11	<=11	Pass
		5500	7.46	<=11	Pass
		5580	7.29	<=11	Pass
		5700	7.61	<=11	Pass
		5720	8.10	<=11	Pass
802.11n (HT40)	SISO	5190	3.48	<=11	Pass
		5230	3.25	<=11	Pass
		5270	3.69	<=11	Pass
		5310	3.42	<=11	Pass
		5510	3.66	<=11	Pass
		5550	3.75	<=11	Pass
		5670	3.64	<=11	Pass
		5710	3.60	<=11	Pass
802.11ac (VHT20)	SISO	5180	7.03	<=11	Pass
		5200	7.04	<=11	Pass
		5240	7.15	<=11	Pass
		5260	7.04	<=11	Pass
		5300	6.93	<=11	Pass
		5320	6.91	<=11	Pass
		5500	7.33	<=11	Pass
		5580	7.27	<=11	Pass
		5700	7.71	<=11	Pass
		5720	8.01	<=11	Pass
802.11ac	SISO	5190	3.54	<=11	Pass

(VHT40)		5230	3.46	<=11	Pass
		5270	3.34	<=11	Pass
		5310	3.59	<=11	Pass
		5510	3.63	<=11	Pass
		5550	3.71	<=11	Pass
		5670	3.79	<=11	Pass
		5710	3.76	<=11	Pass
802.11ac (VHT80)	SISO	5210	-0.88	<=11	Pass
		5290	-0.85	<=11	Pass
		5530	-0.54	<=11	Pass
		5610	-0.41	<=11	Pass
		5690	-0.19	<=11	Pass
Note1: Antenna Gain: - Band: 3 Ant1: 0.80dBi; - Band: 2A Ant1: 1.80dBi; - Band: 2C Ant1: 1.40dBi; - Band: 1+2A Ant1: 1.80dBi; - Band: 2C+3 Ant1: 1.40dBi; - Band: 1 Ant1: 1.90dBi;					

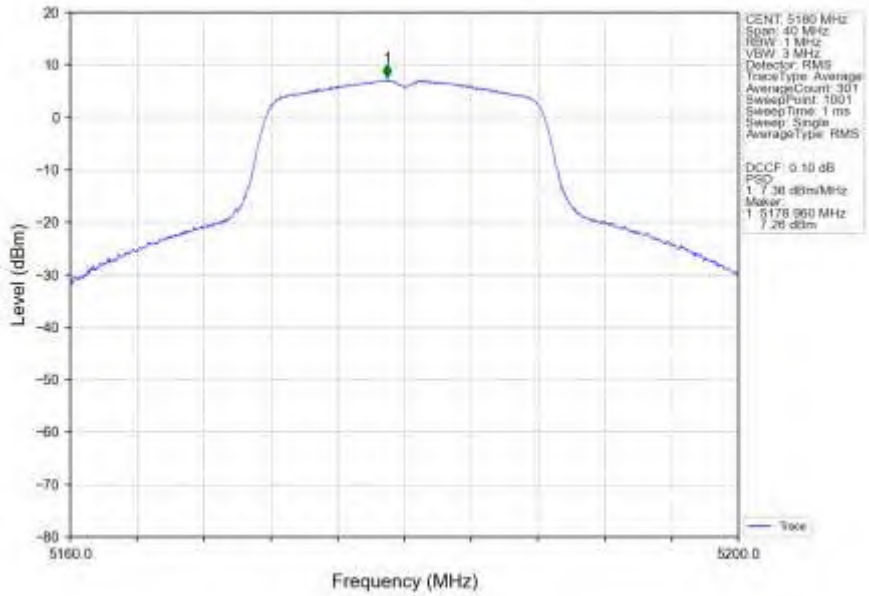
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	4.61	<=30	Pass
		5785	4.75	<=30	Pass
		5825	4.50	<=30	Pass
		5720	3.52	<=30	Pass
802.11n (HT20)	SISO	5745	4.45	<=30	Pass
		5785	4.34	<=30	Pass
		5825	4.25	<=30	Pass
		5720	3.34	<=30	Pass
802.11n (HT40)	SISO	5755	0.28	<=30	Pass
		5795	0.35	<=30	Pass
		5710	-2.40	<=30	Pass
802.11ac (VHT20)	SISO	5745	4.30	<=30	Pass
		5785	4.24	<=30	Pass
		5825	4.11	<=30	Pass
		5720	3.15	<=30	Pass
802.11ac (VHT40)	SISO	5755	0.45	<=30	Pass
		5795	0.34	<=30	Pass
		5710	-2.33	<=30	Pass
802.11ac (VHT80)	SISO	5775	-3.28	<=30	Pass
		5690	-7.30	<=30	Pass
Note1: Antenna Gain: - Band: 2C Ant1: 1.40dBi; - Band: 1+2A Ant1: 1.80dBi; - Band: 2C+3 Ant1: 1.40dBi; - Band: 1 Ant1: 1.90dBi; - Band: 3 Ant1: 0.80dBi; - Band: 2A Ant1: 1.80dBi;					

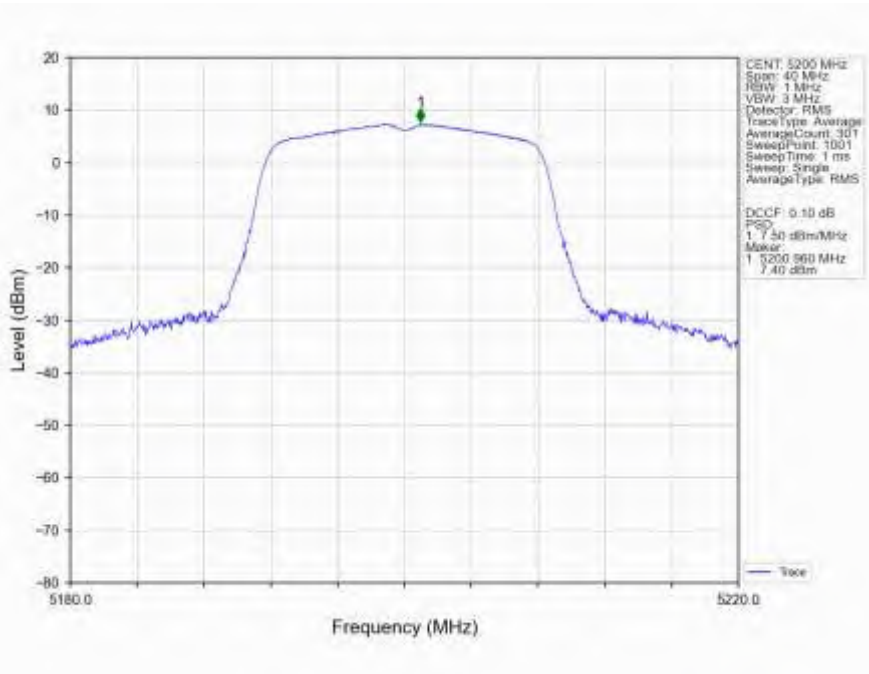
4.2 Test Graph

4.2.1 PSD

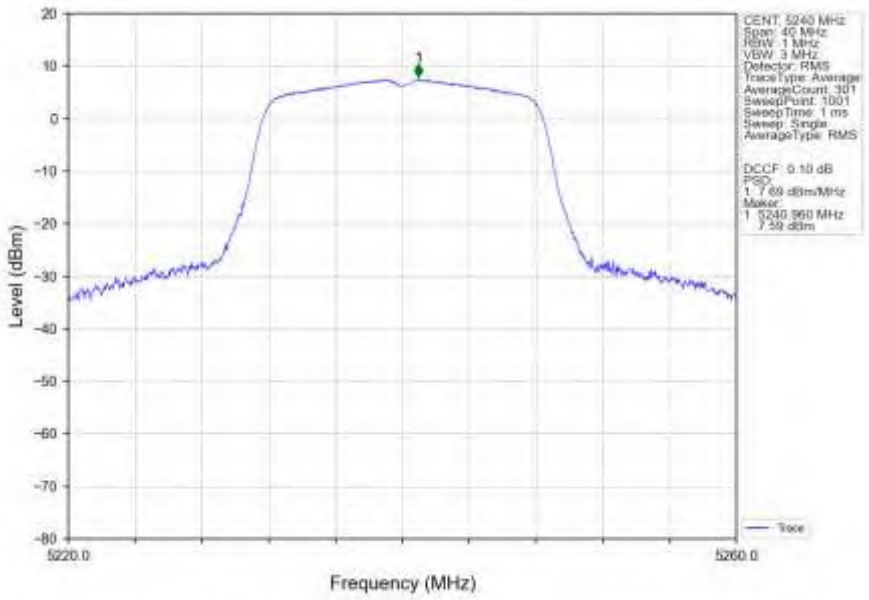
802.11a_LCH_5180MHz_Ant1_NTNV



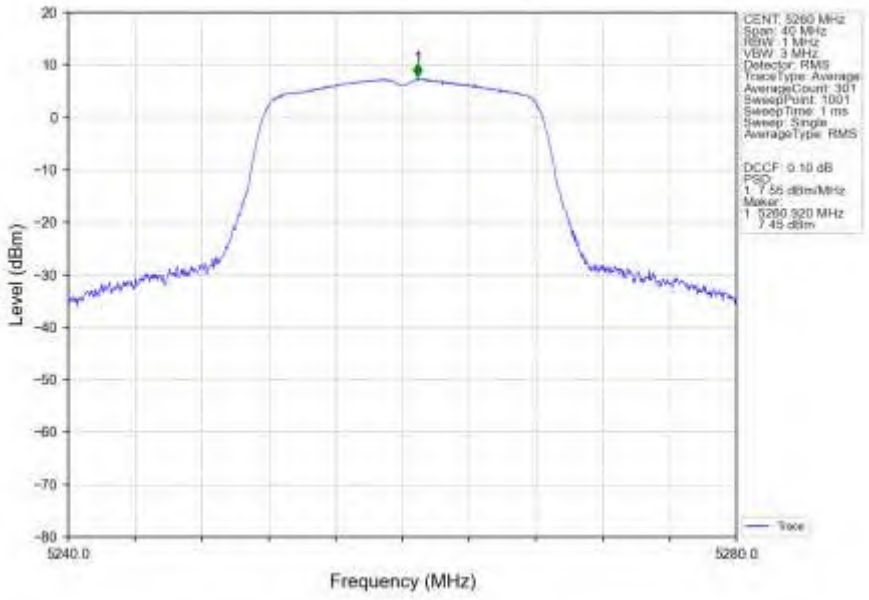
802.11a_MCH_5200MHz_Ant1_NTNV



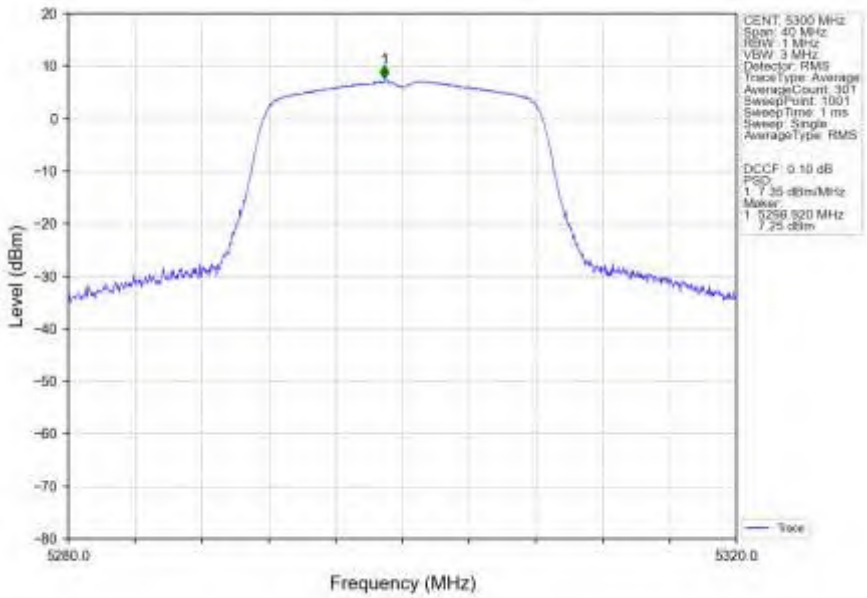
802.11a_HCH_5240MHz_Ant1_NTNV



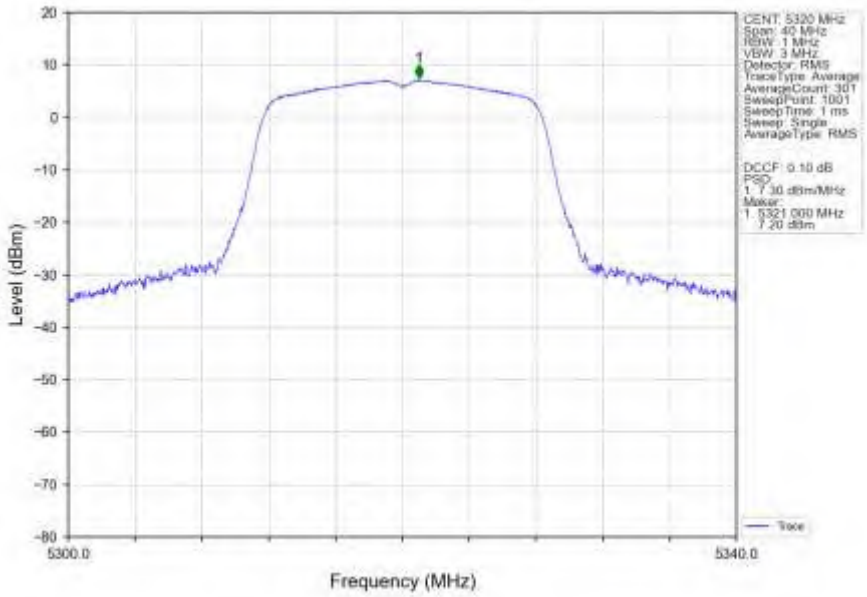
802.11a_LCH_5260MHz_Ant1_NTNV



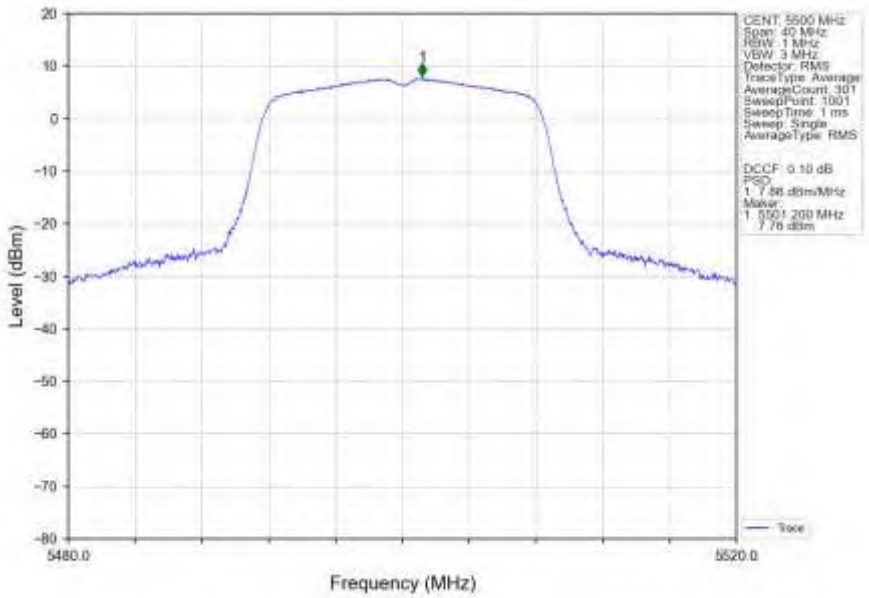
802.11a_MCH_5300MHz_Ant1_NTNV



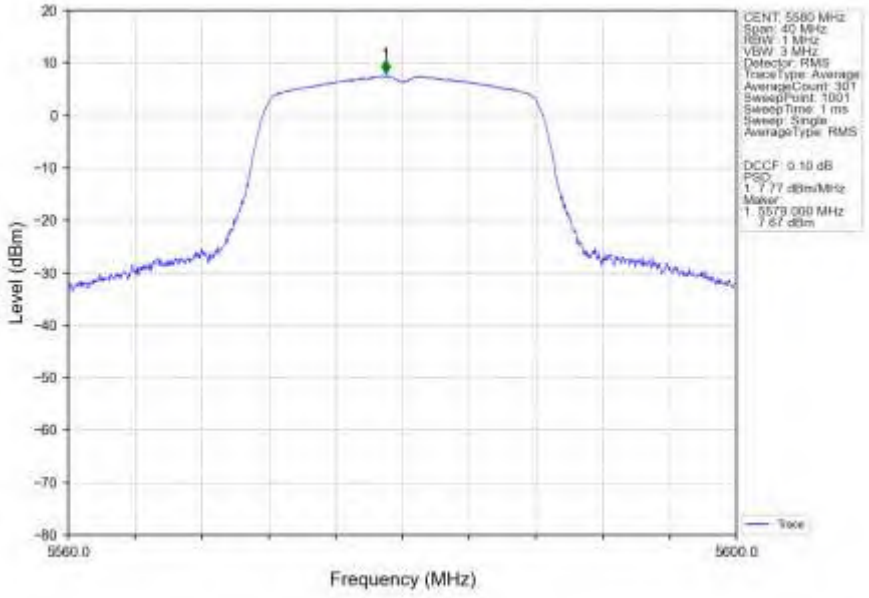
802.11a_HCH_5320MHz_Ant1_NTNV



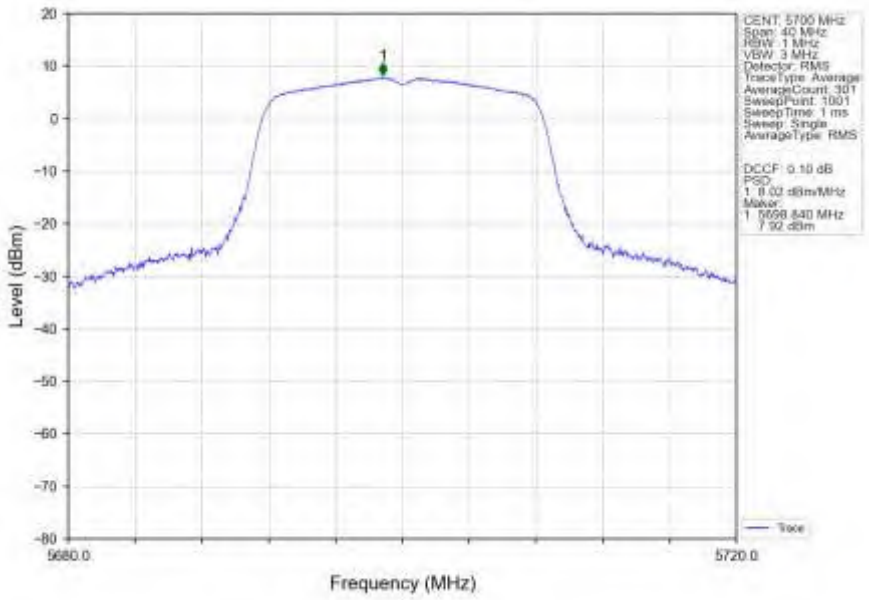
802.11a_LCH_5500MHz_Ant1_NTNV



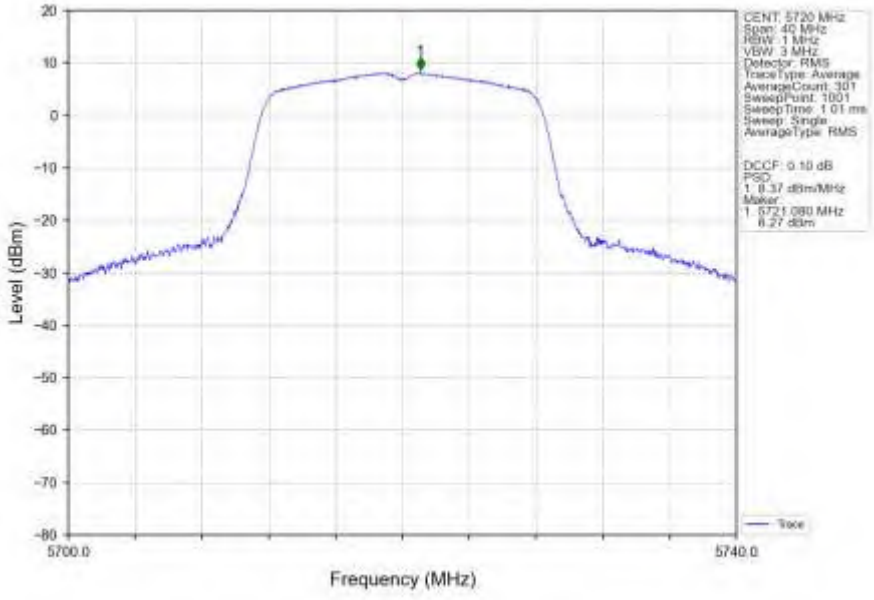
802.11a_MCH_5580MHz_Ant1_NTNV



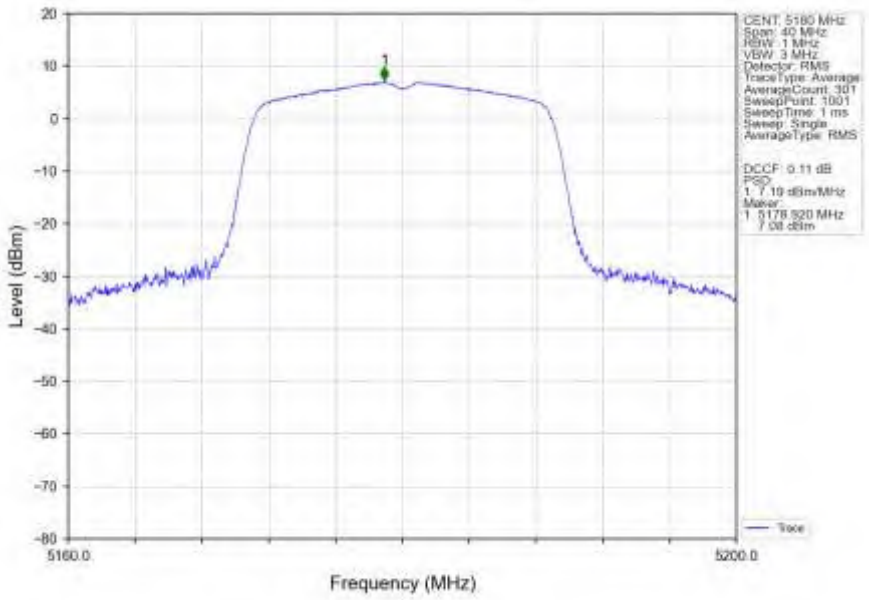
802.11a_HCH_5700MHz_Ant1_NTNV



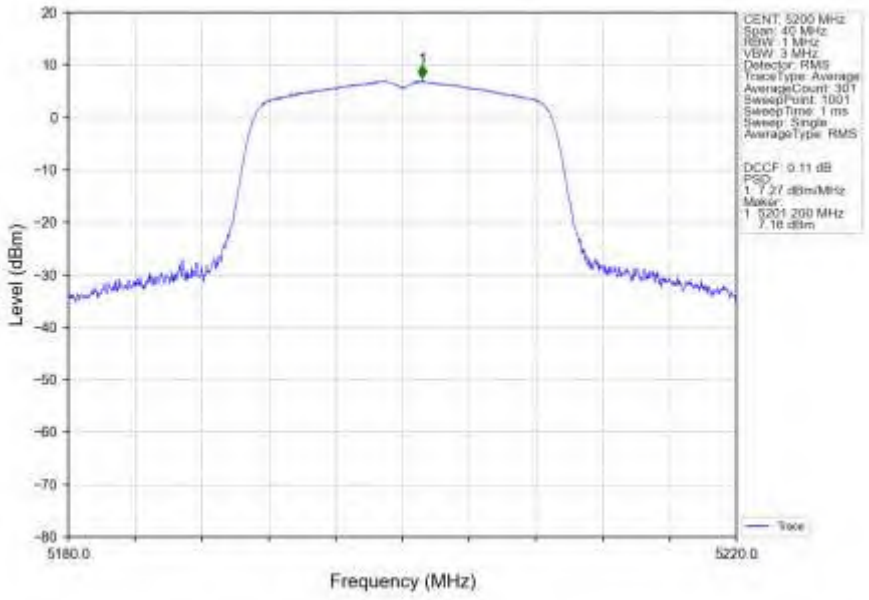
802.11a_HCH_5720MHz_Ant1_NTNV



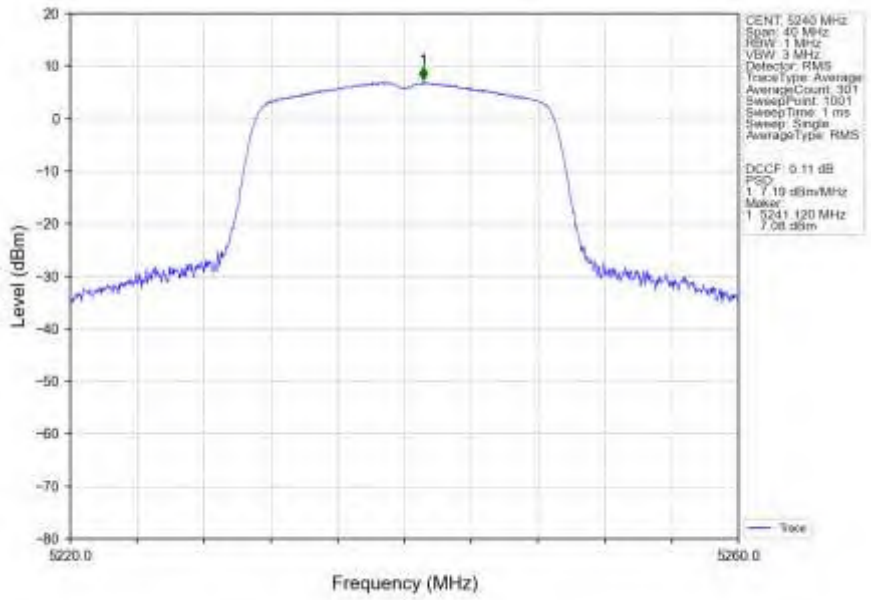
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



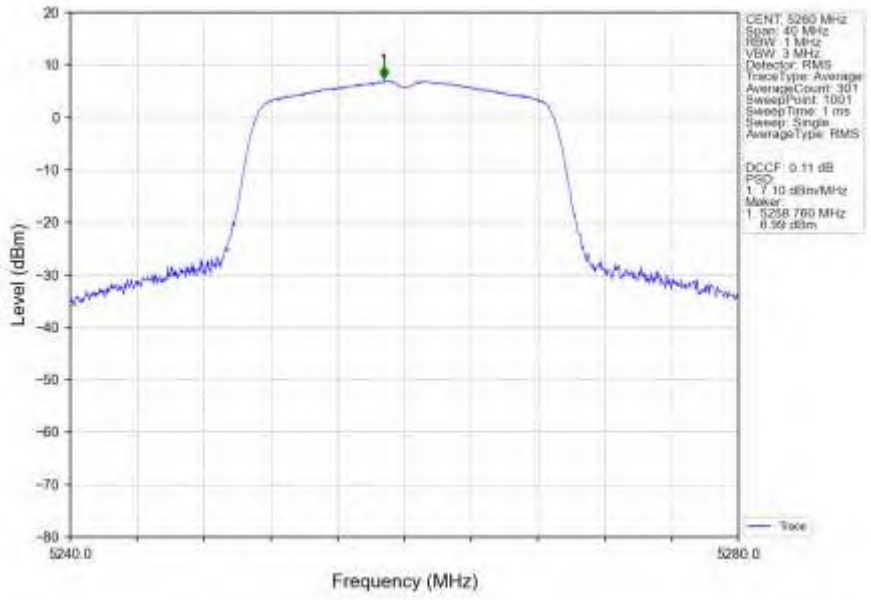
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



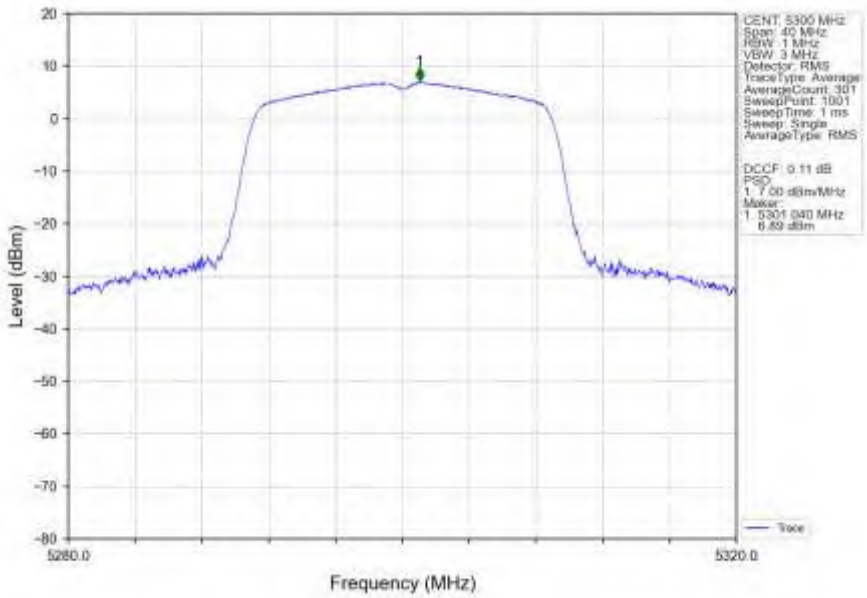
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



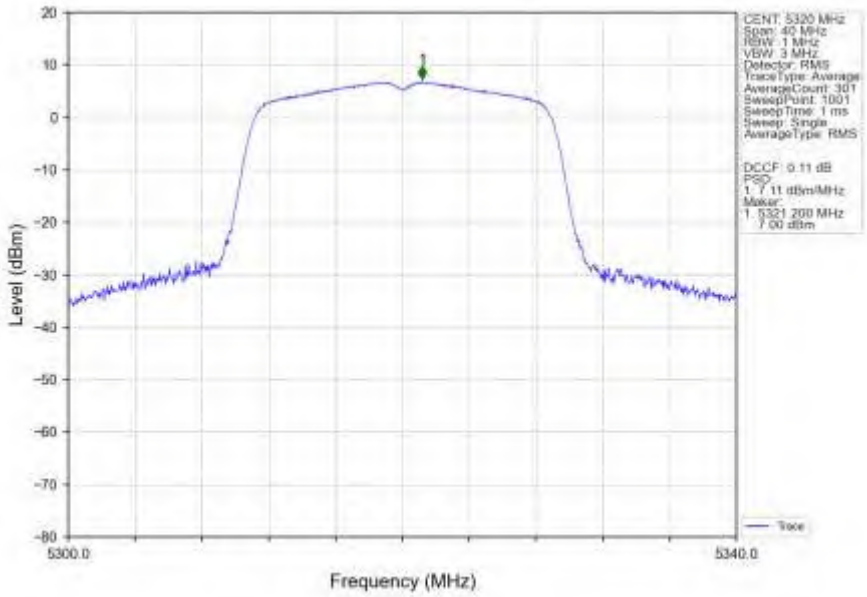
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



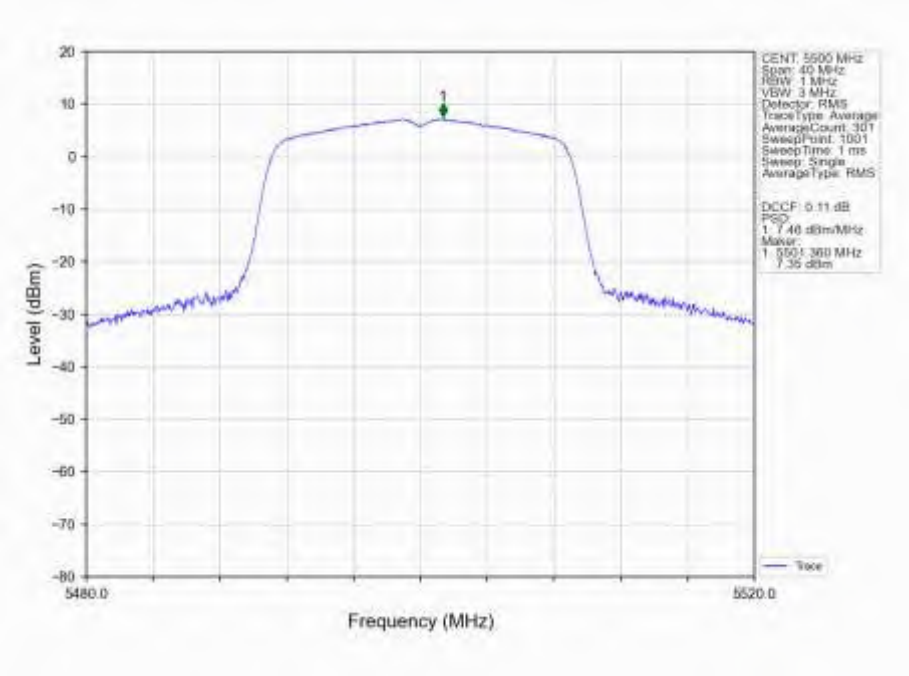
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



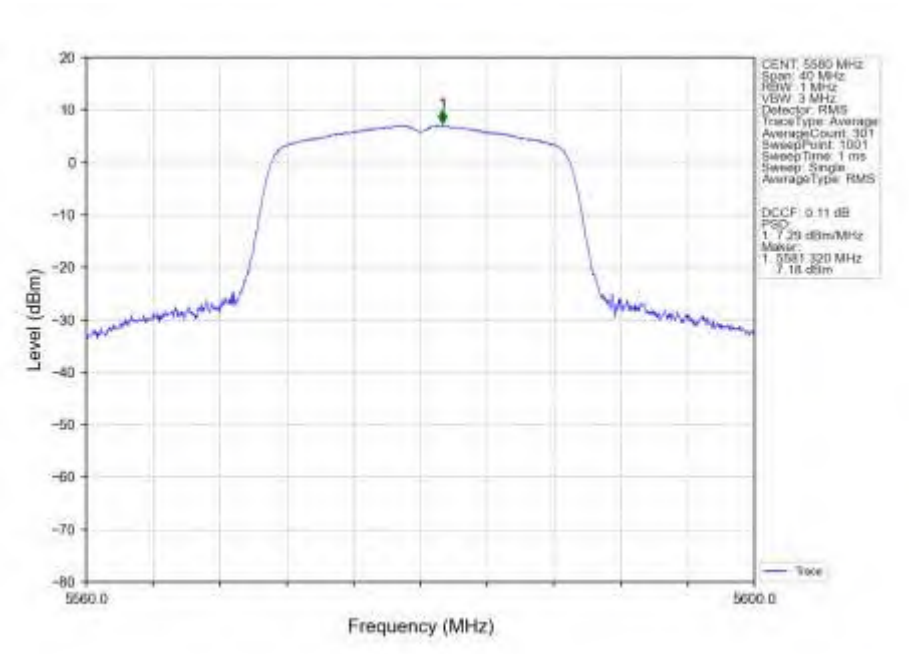
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



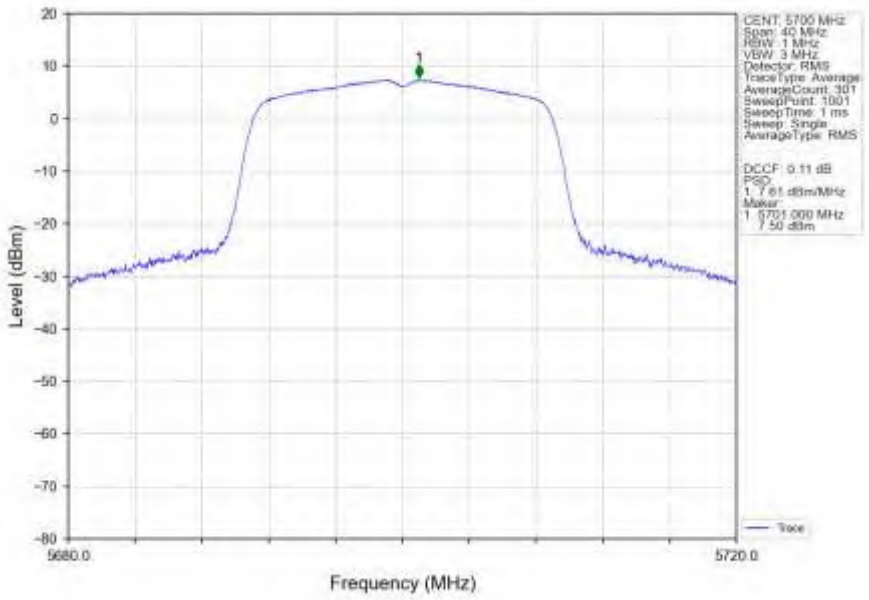
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



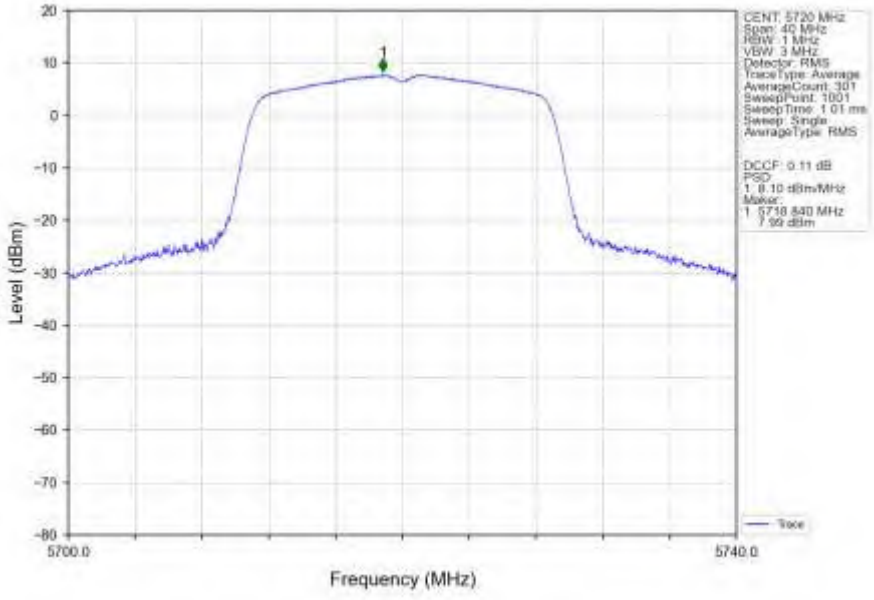
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



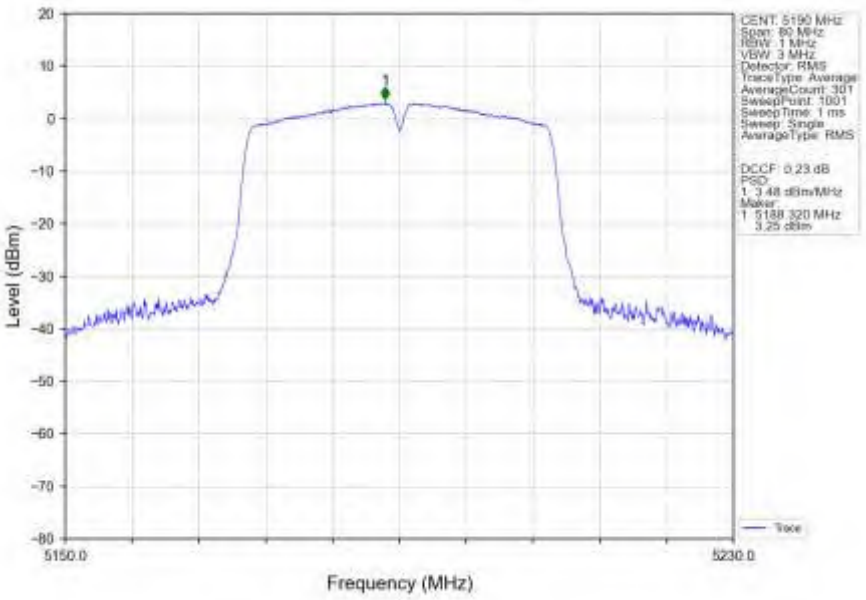
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



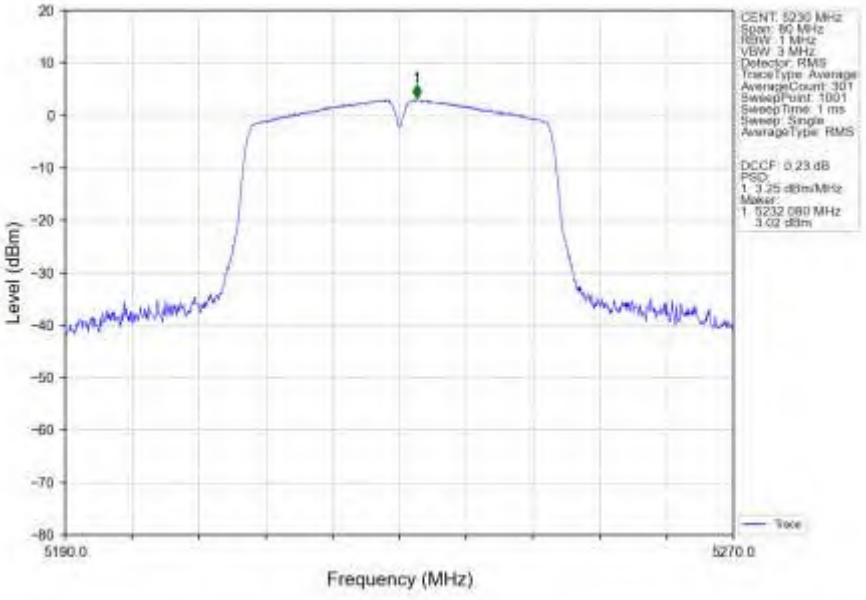
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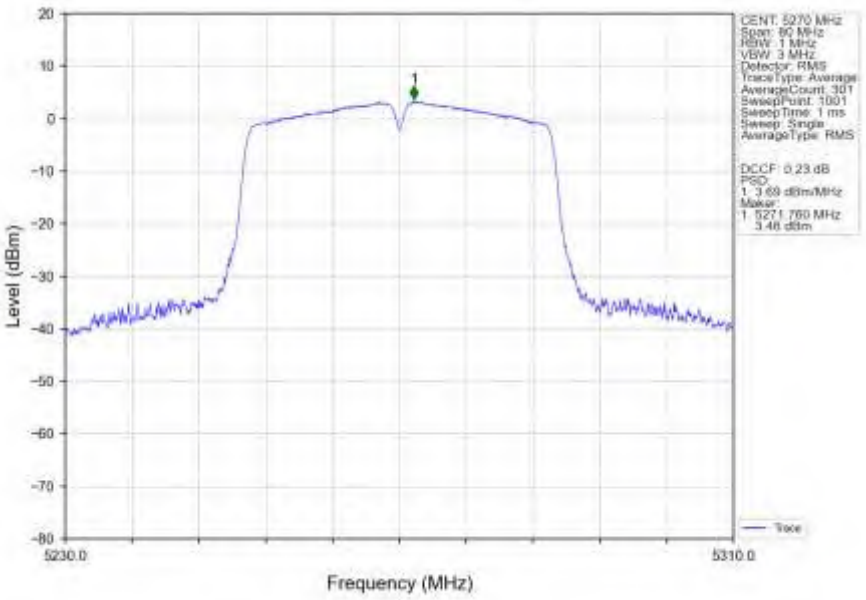
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



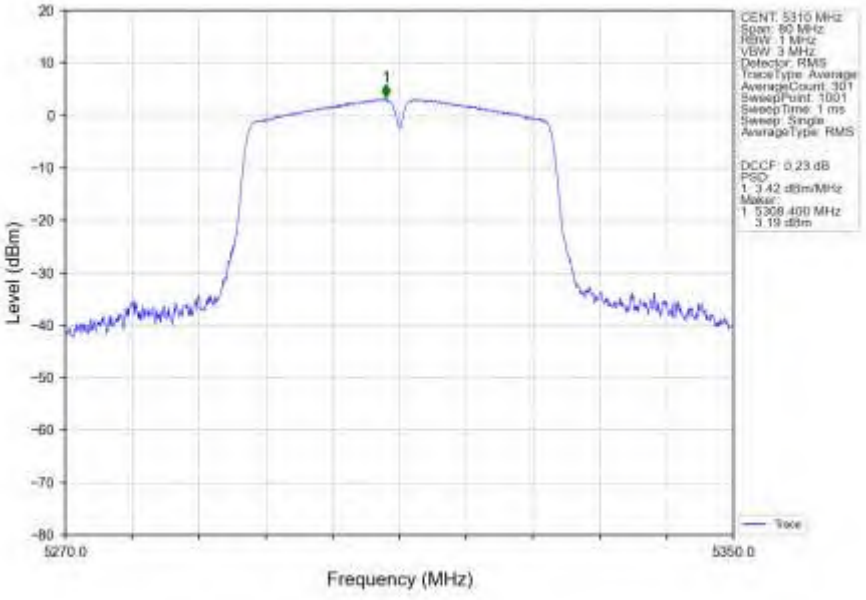
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



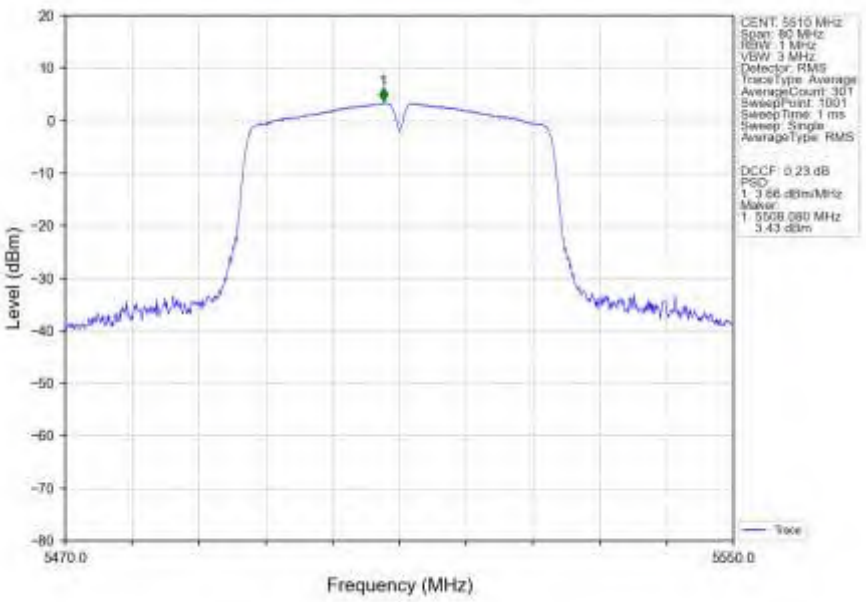
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



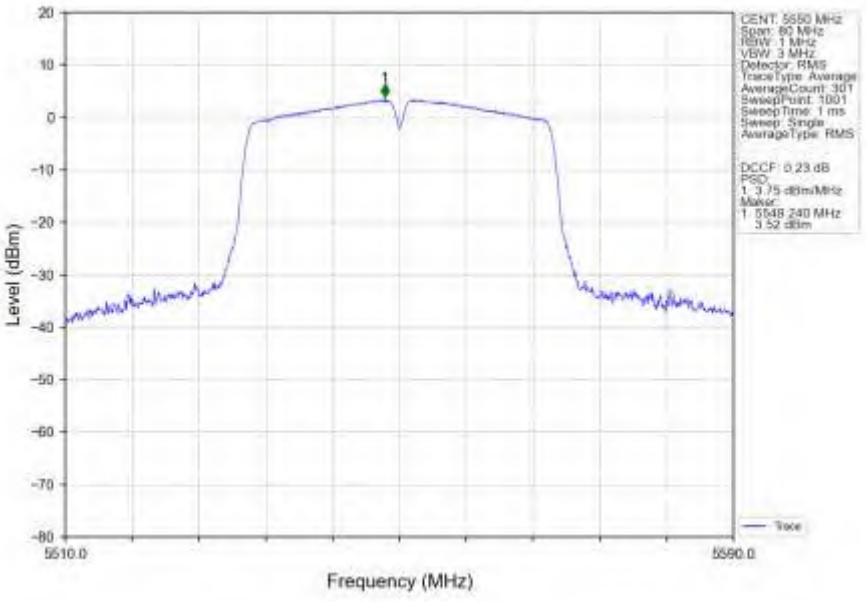
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



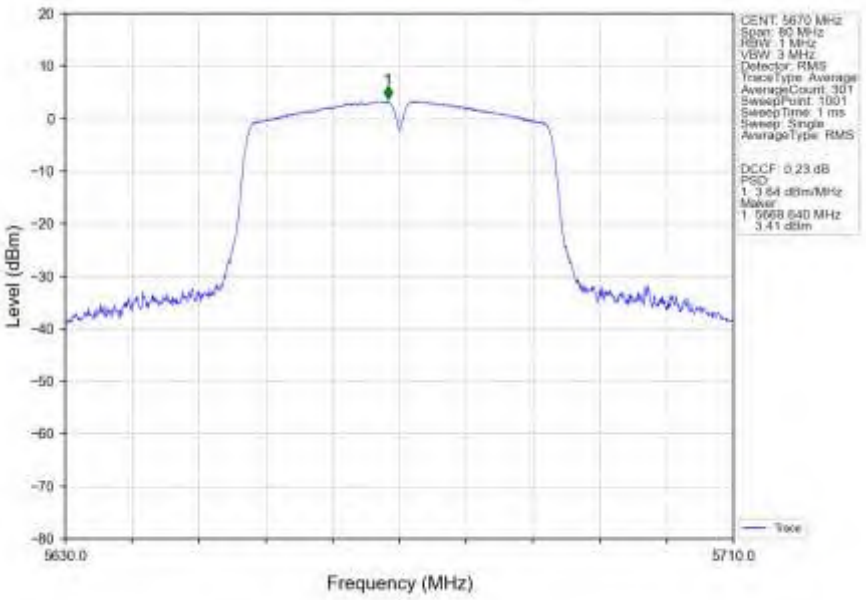
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



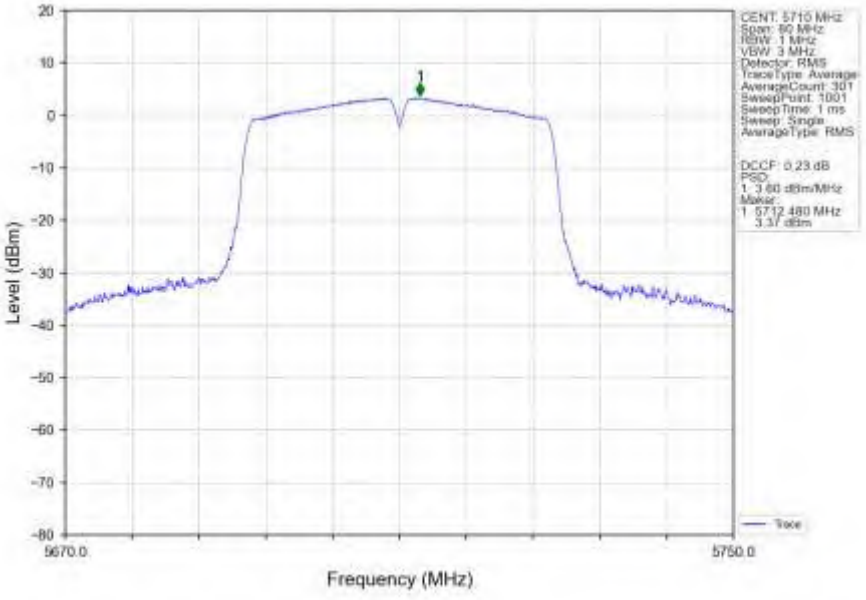
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



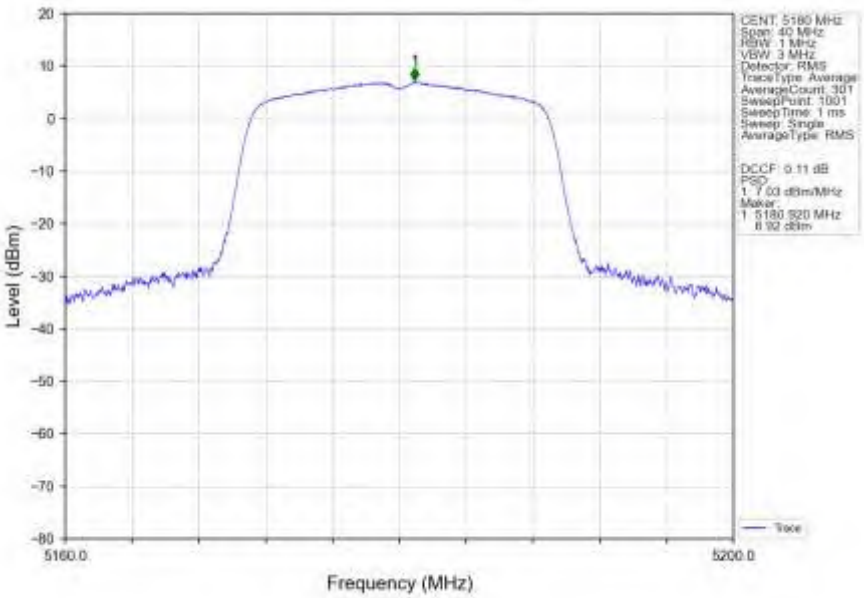
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



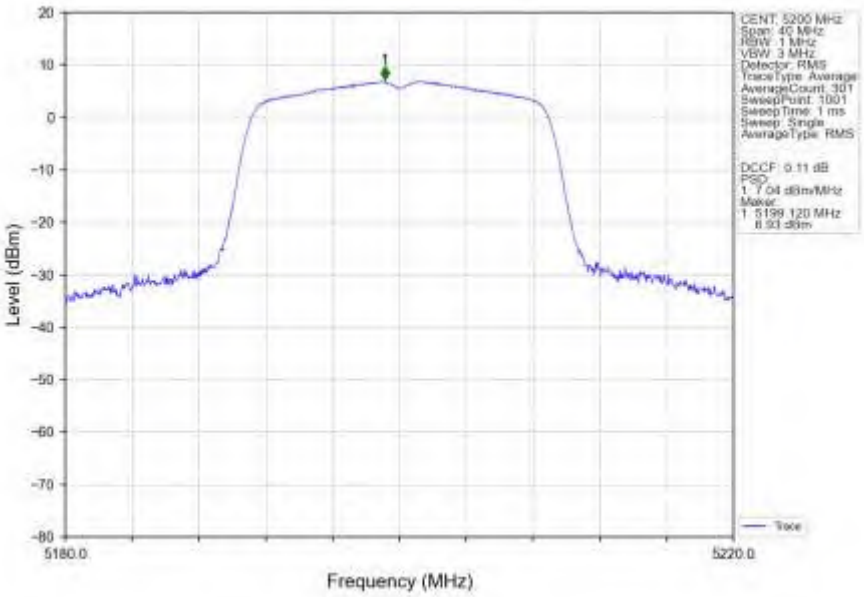
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



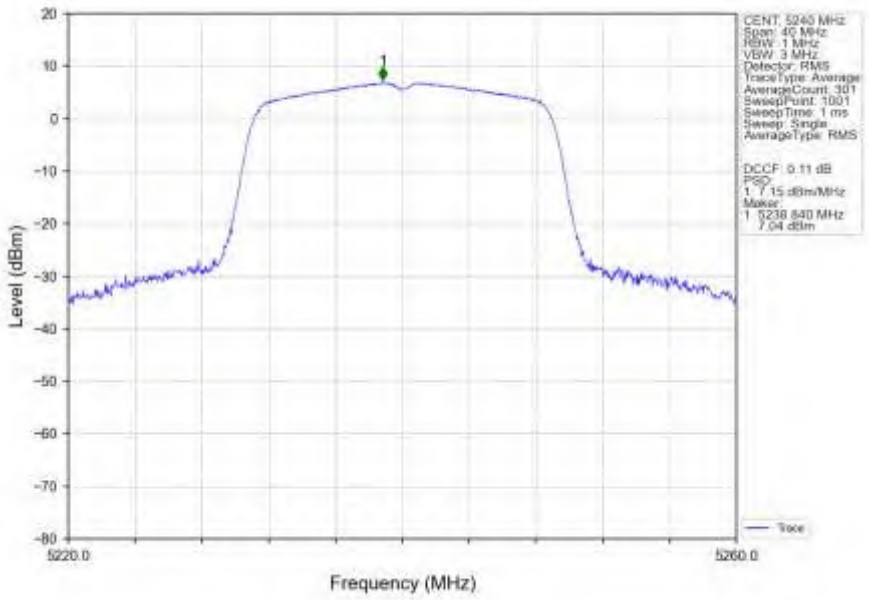
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



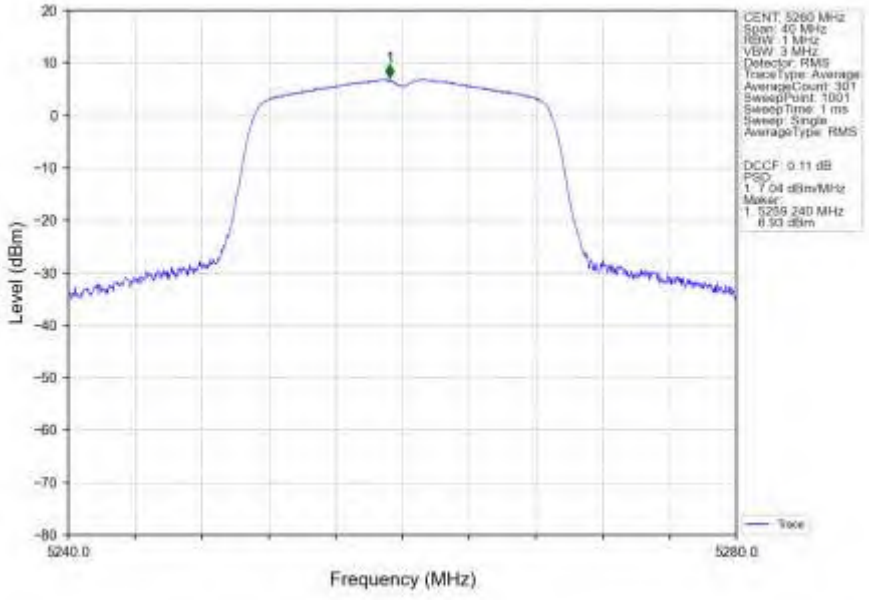
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



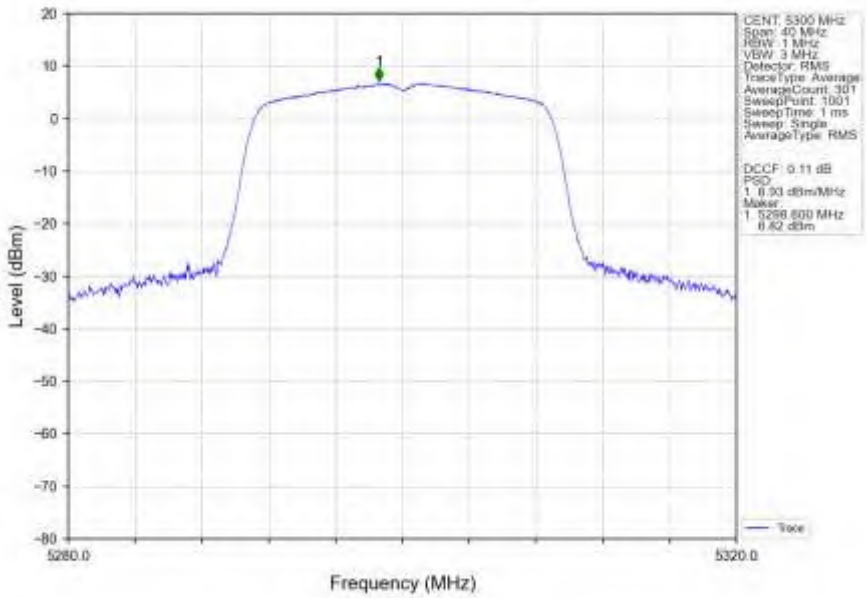
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



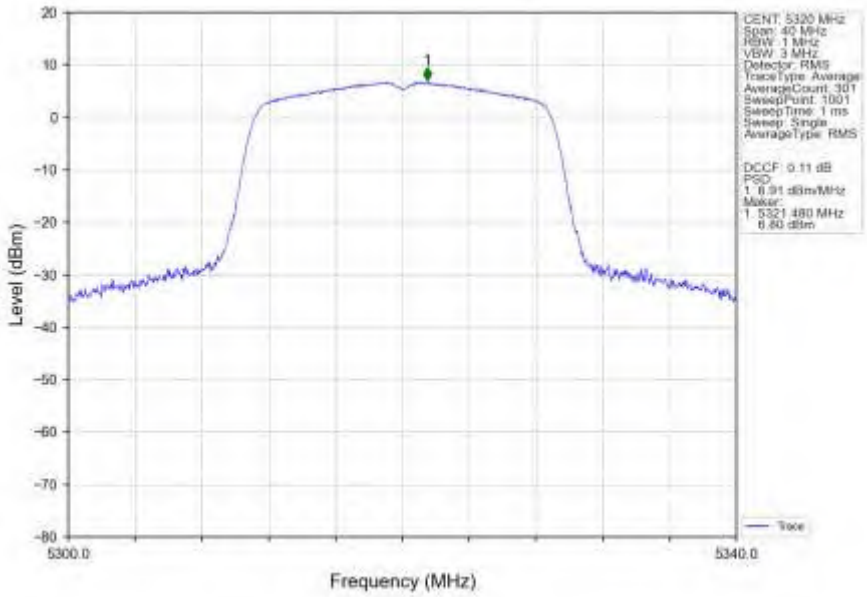
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



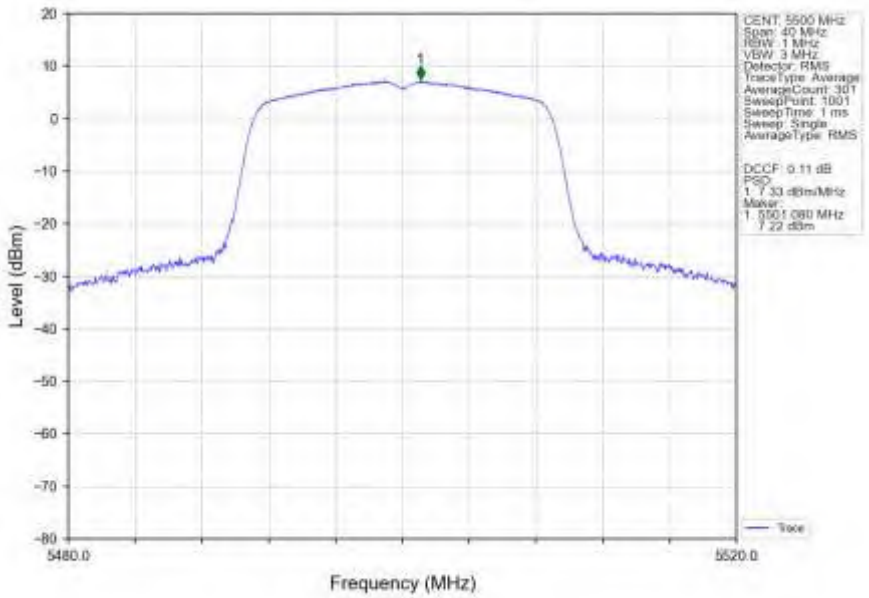
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



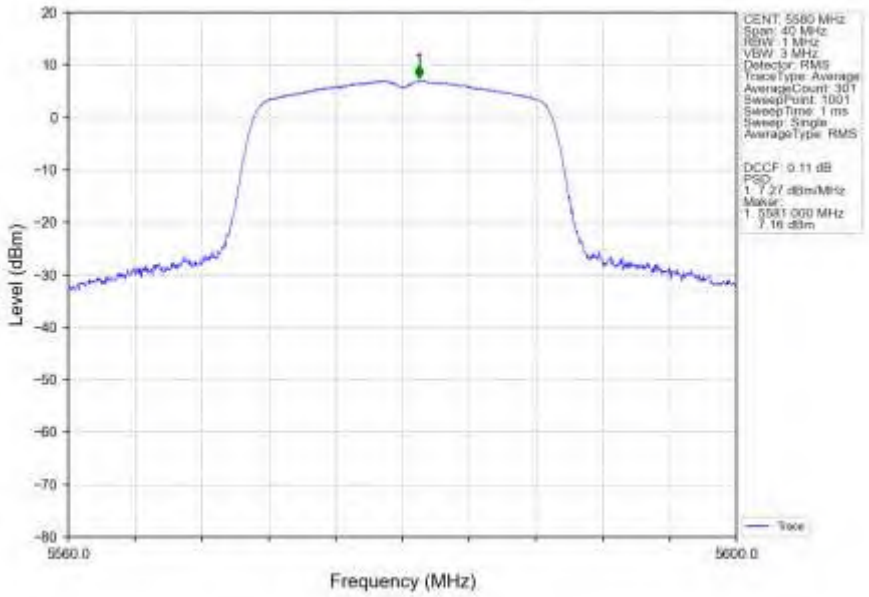
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



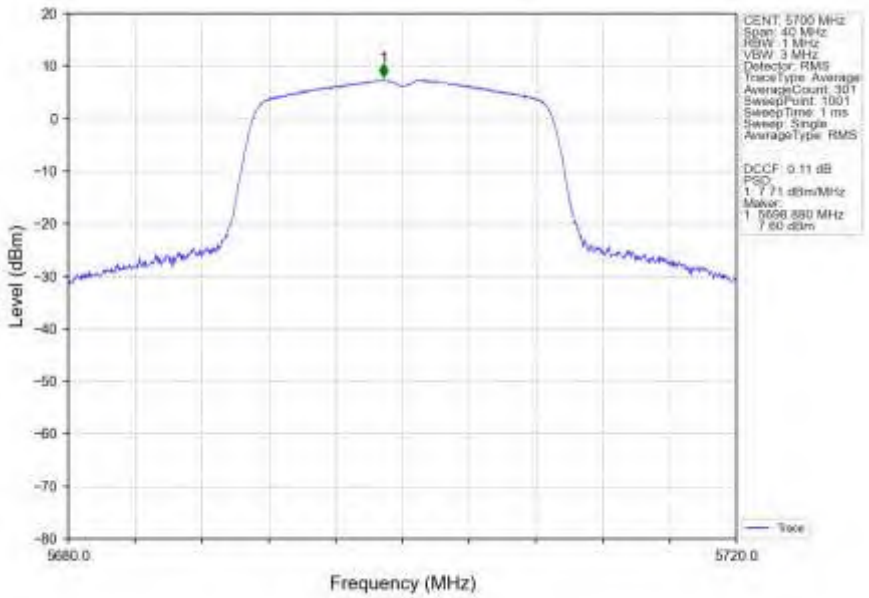
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



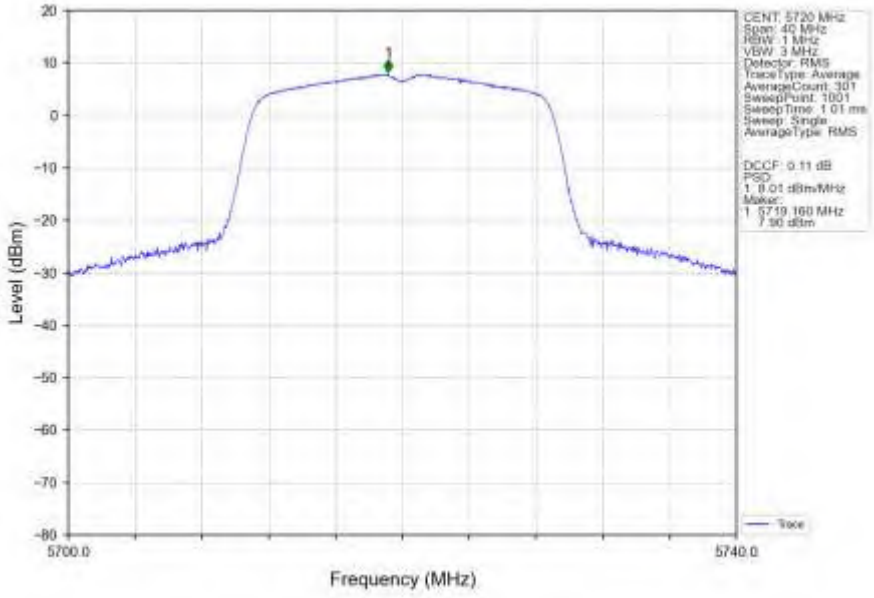
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



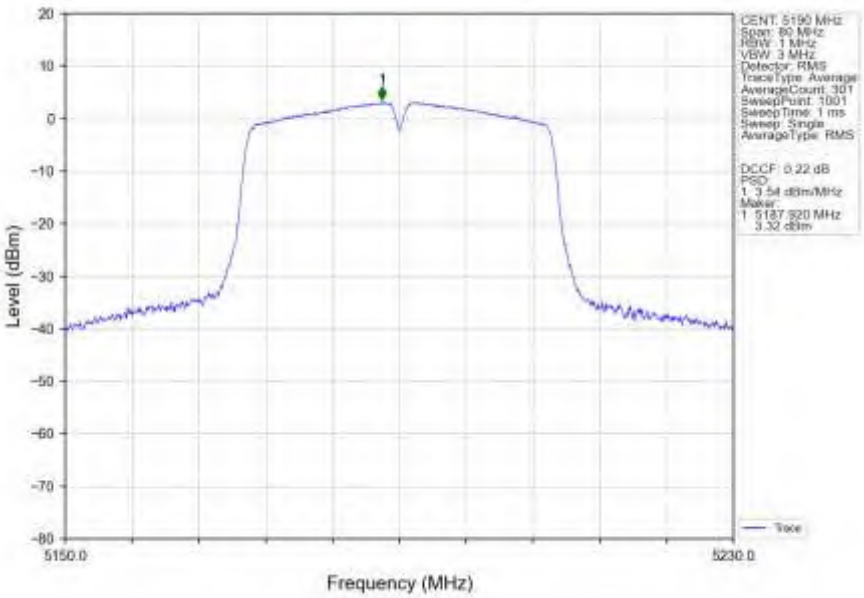
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



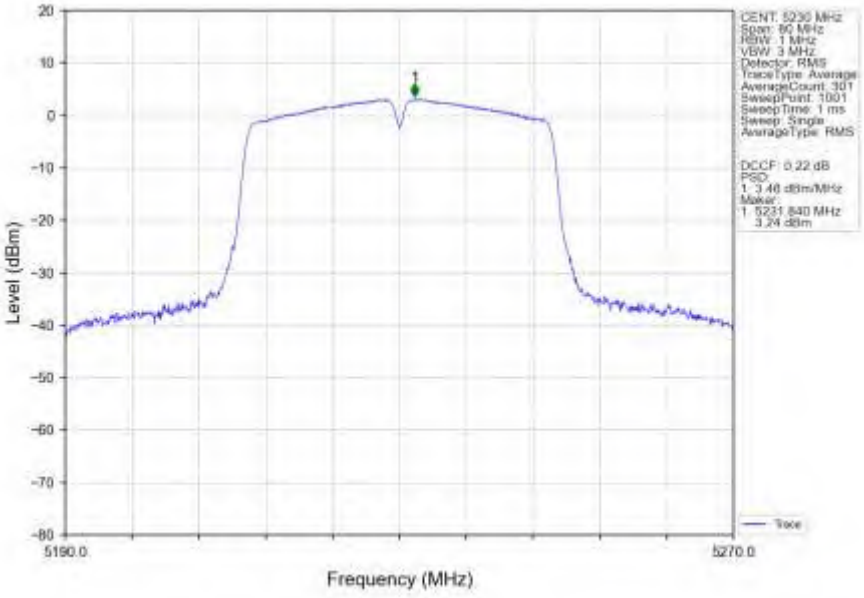
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



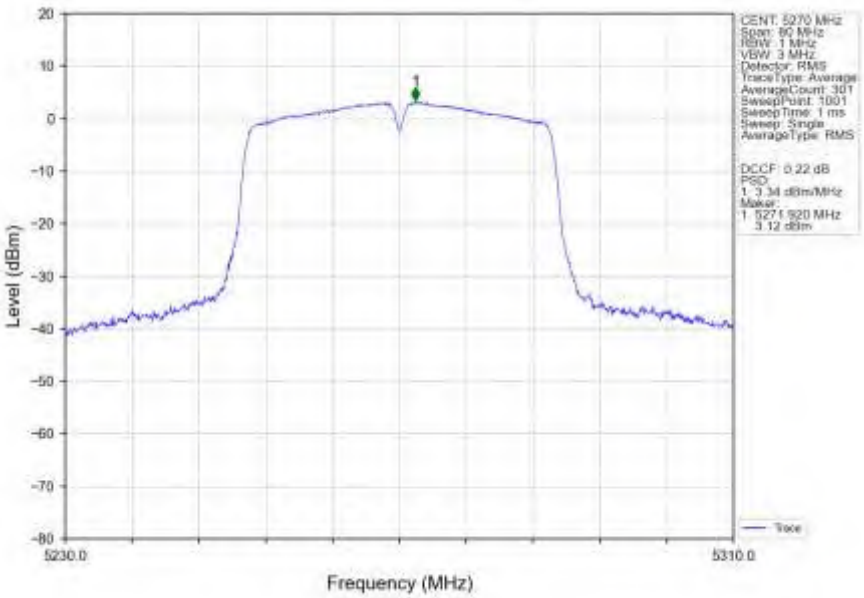
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



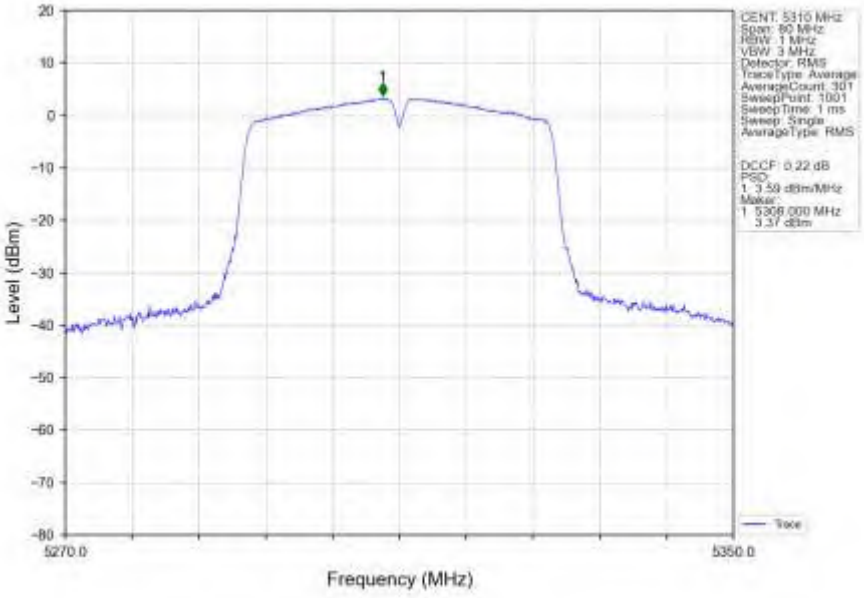
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



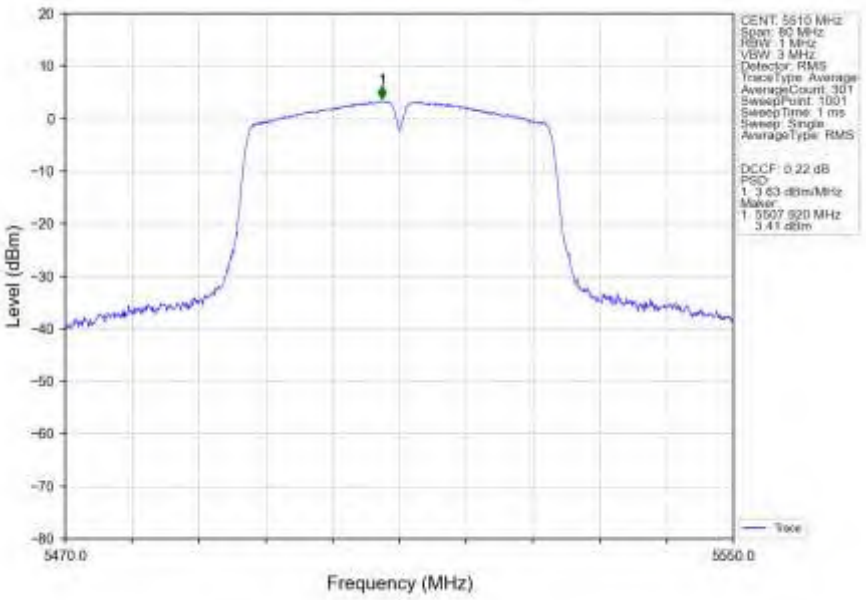
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



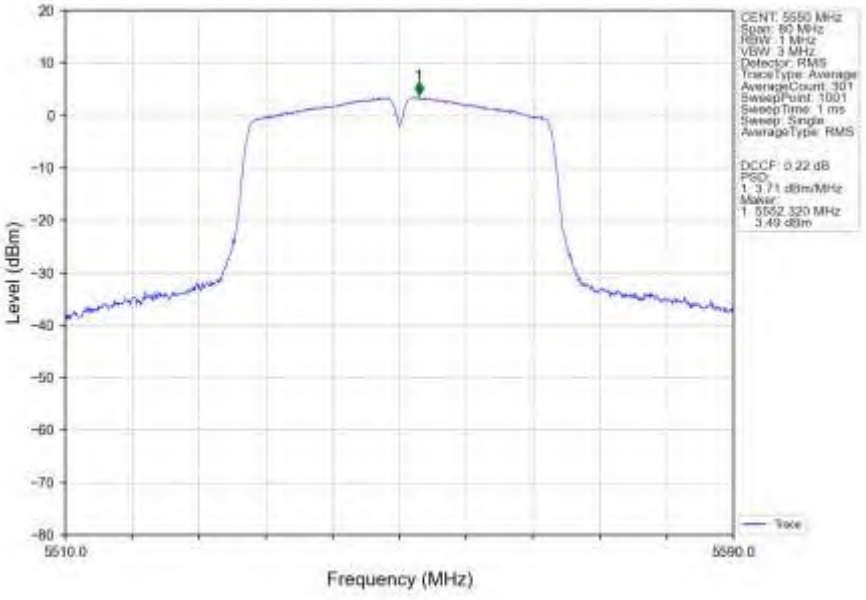
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



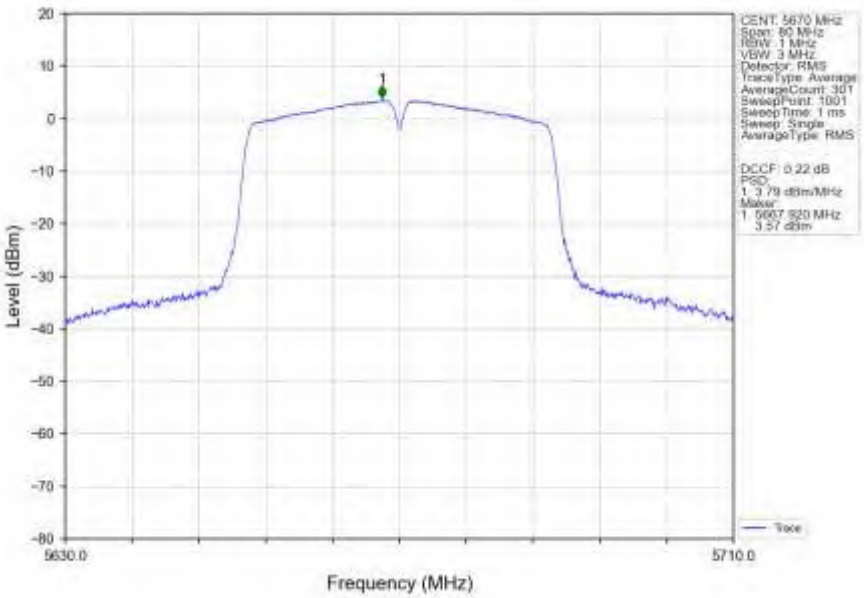
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



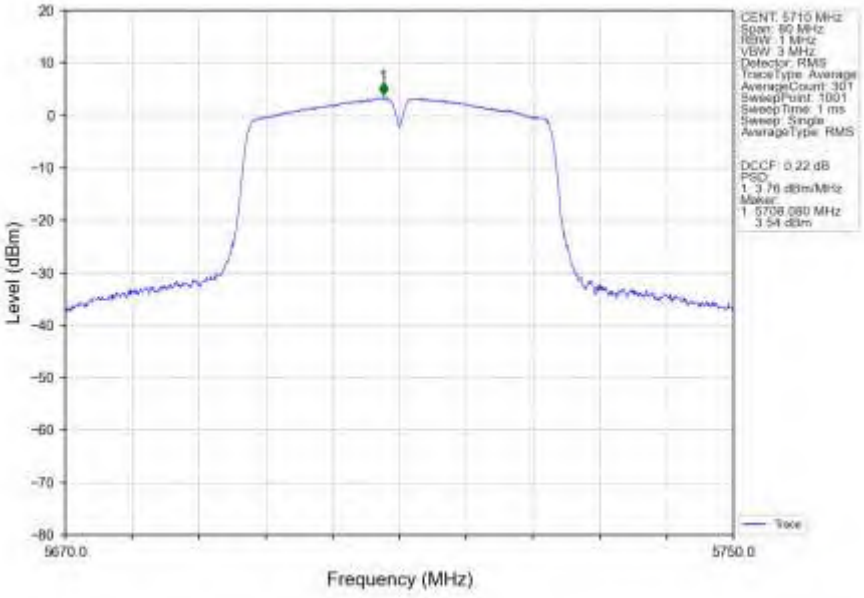
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



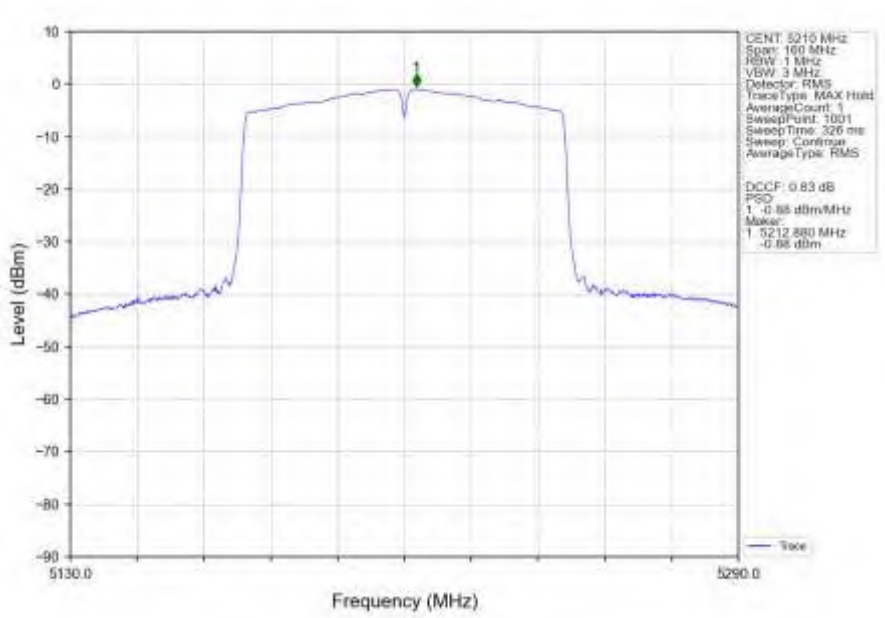
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



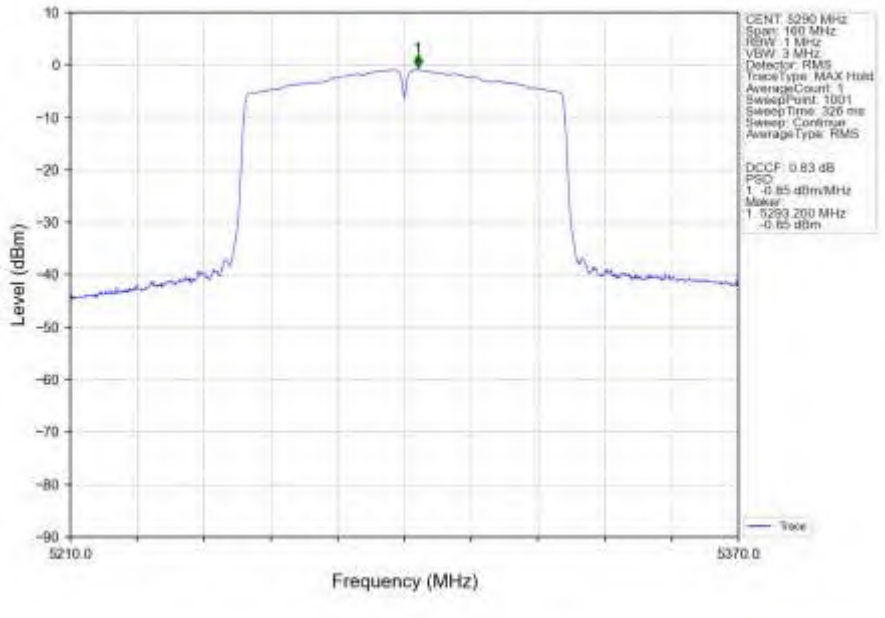
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



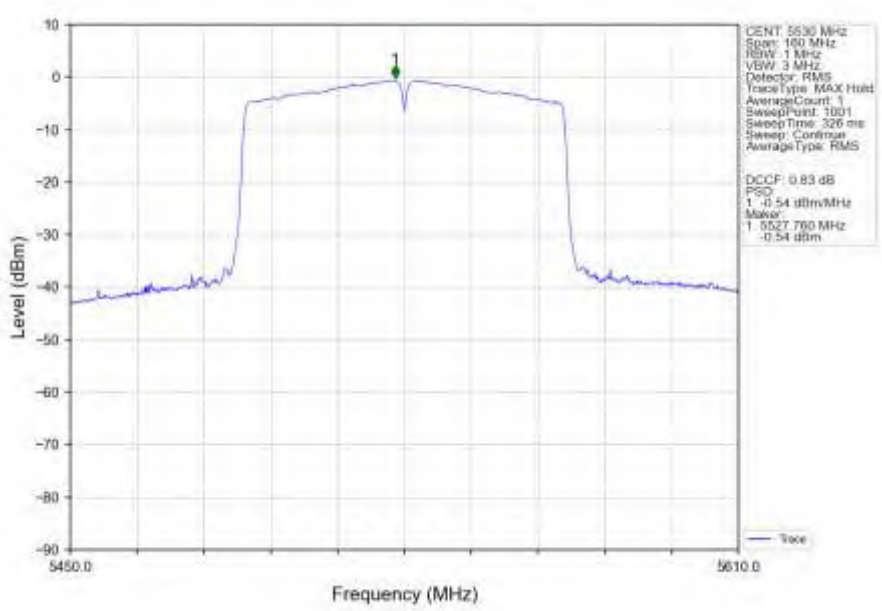
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



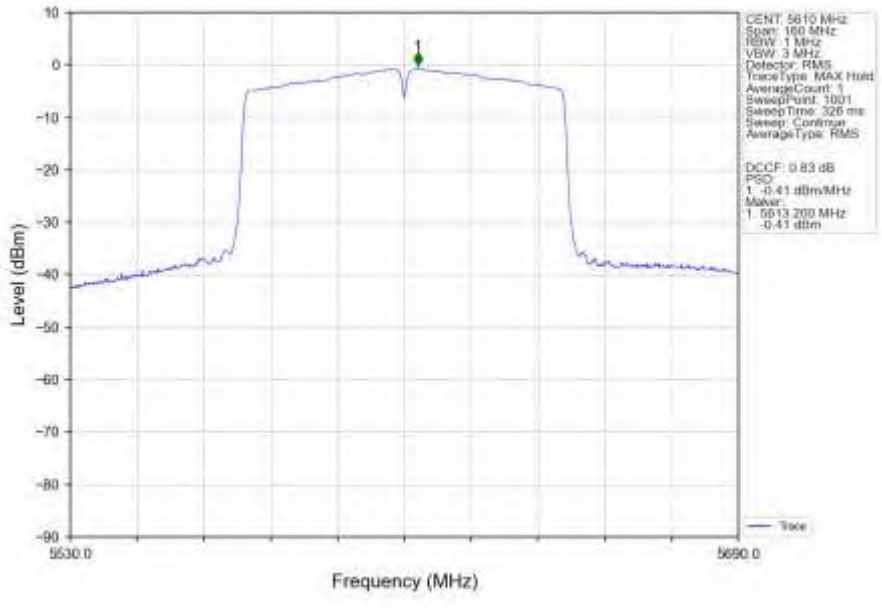
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



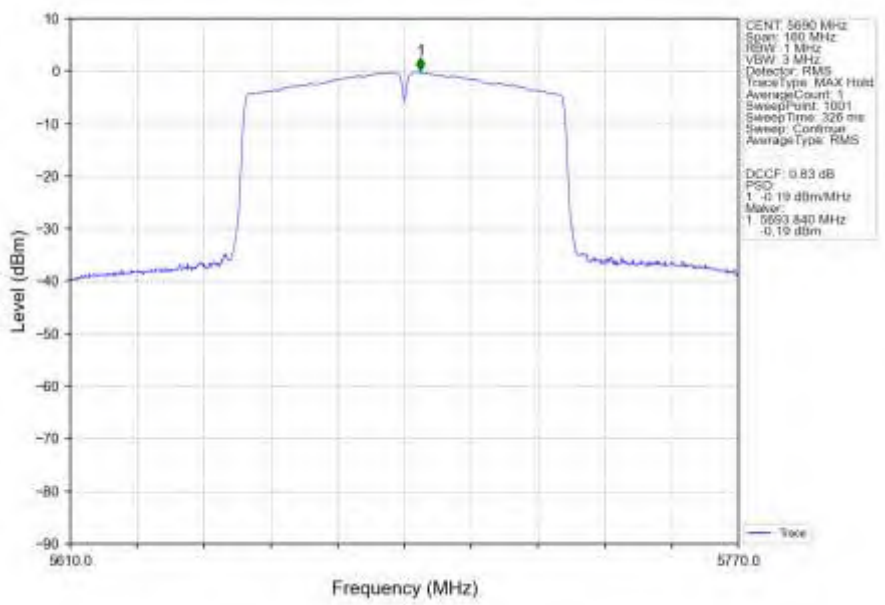
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

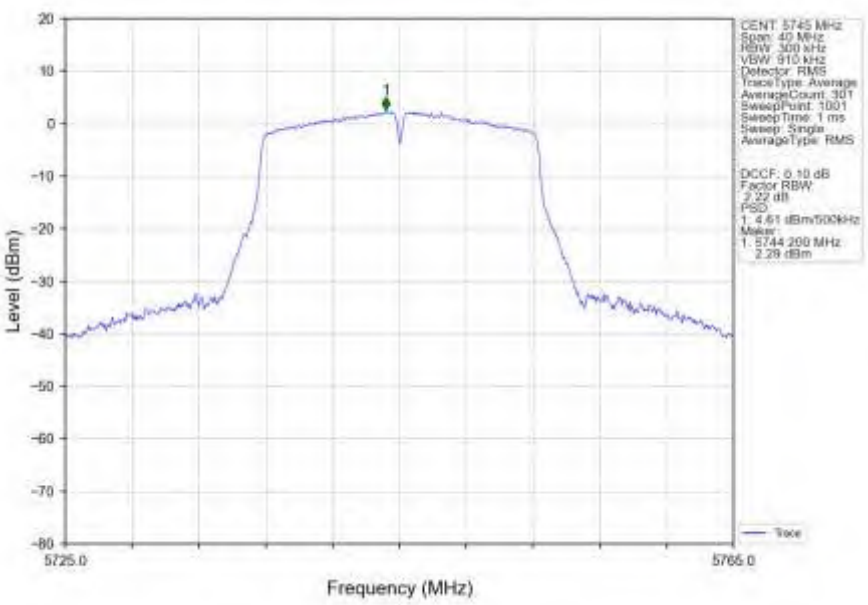


802.11ac(VHT80)_HCH_5690MHz_Ant1_NTNV

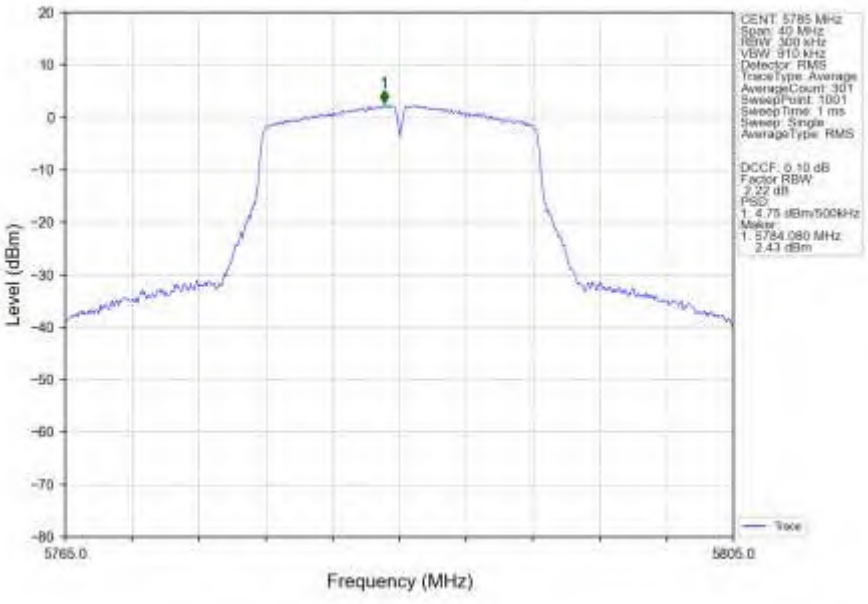


4.2.2 PSD-Band3

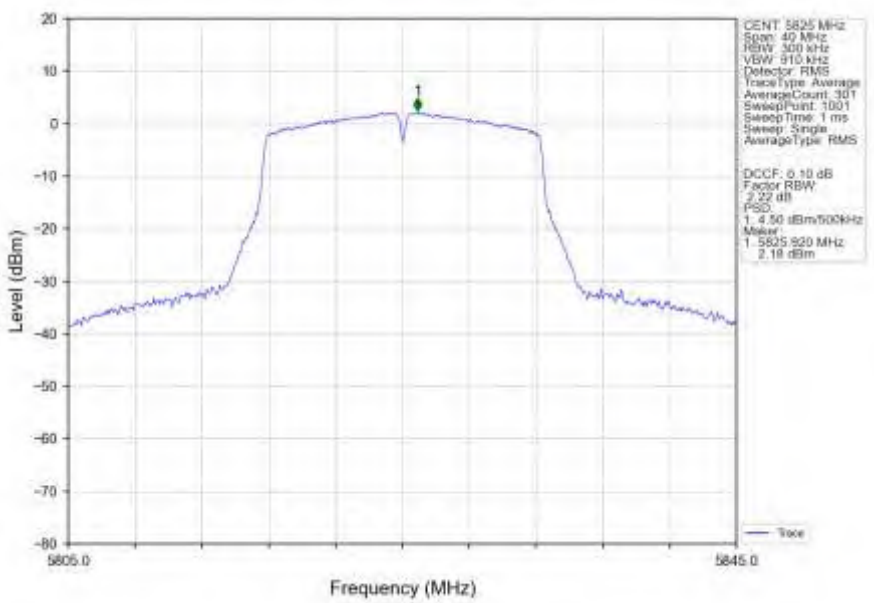
802.11a_LCH_5745MHz_Ant1_NTNV



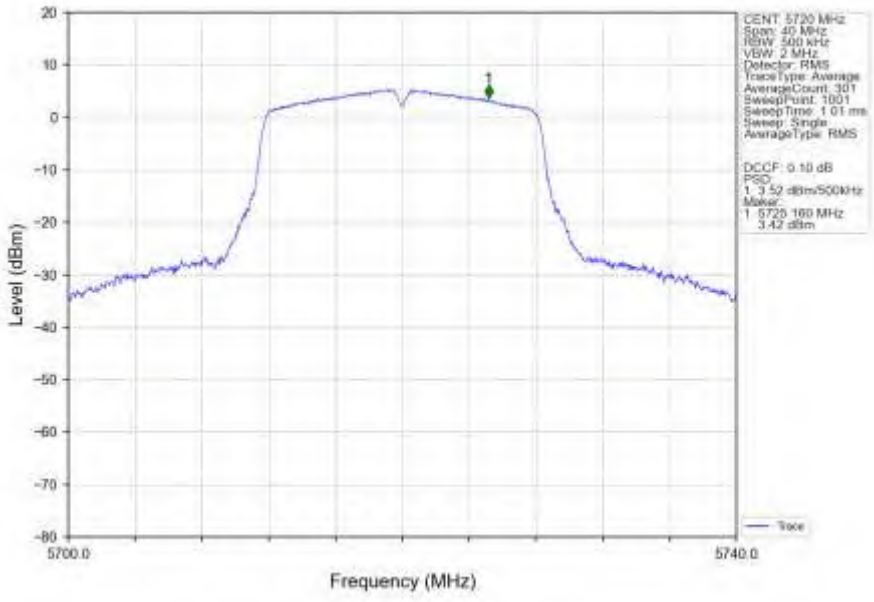
802.11a_MCH_5785MHz_Ant1_NTNV



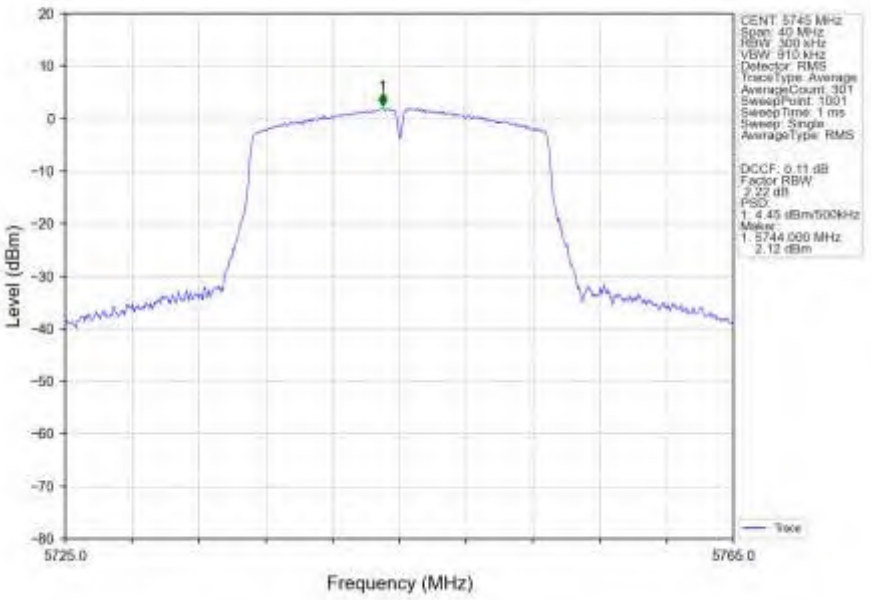
802.11a_HCH_5825MHz_Ant1_NTNV



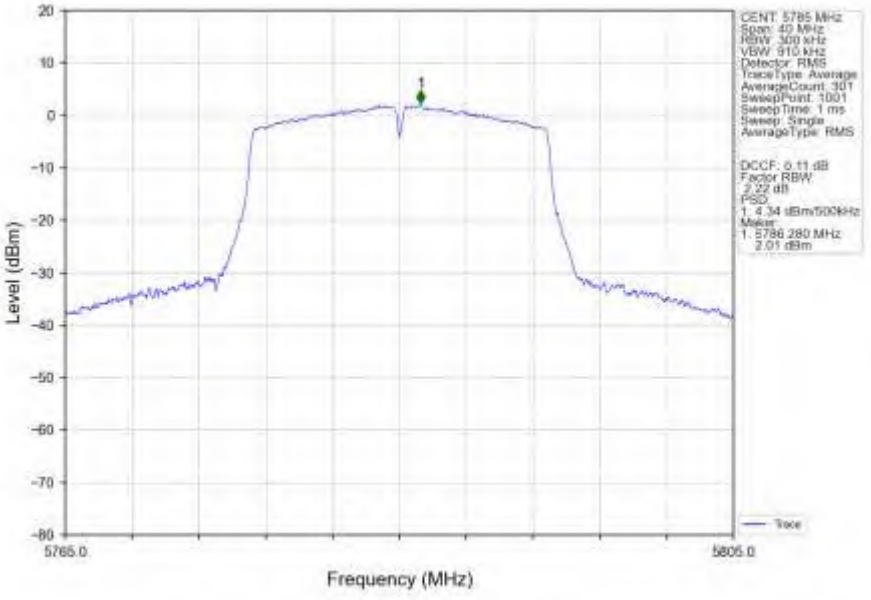
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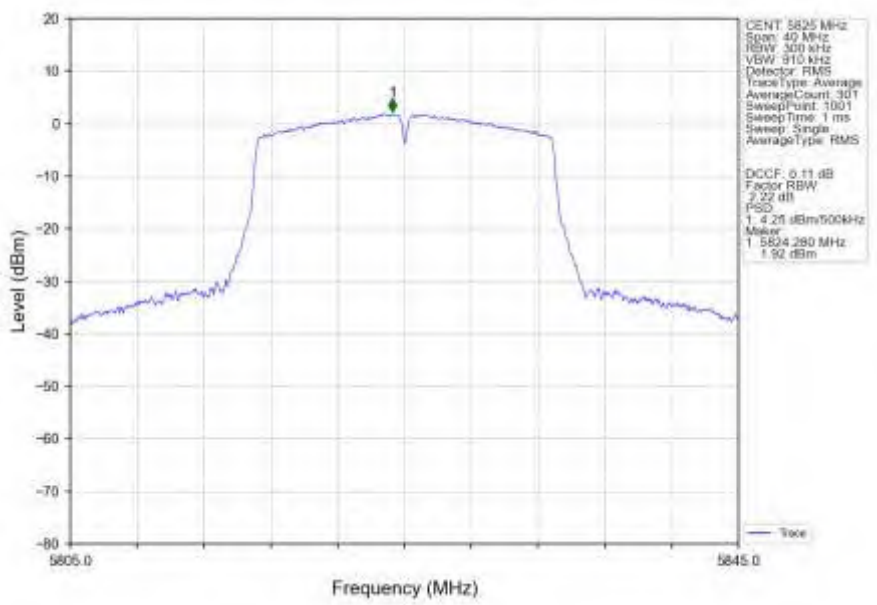
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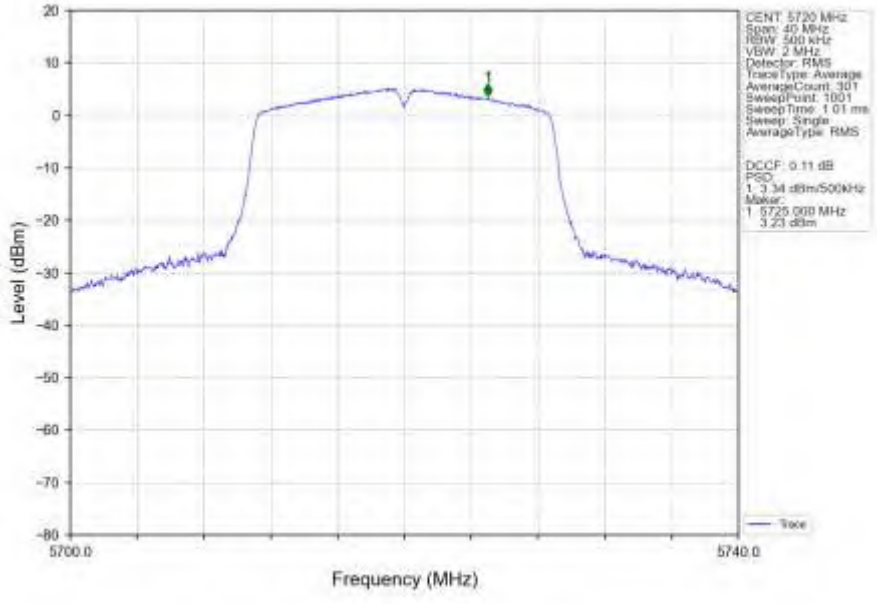
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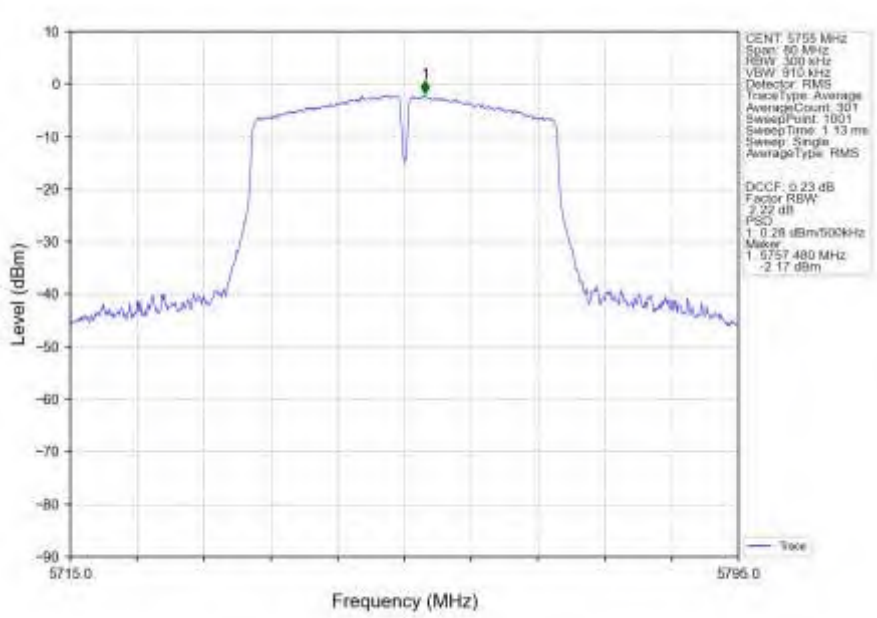
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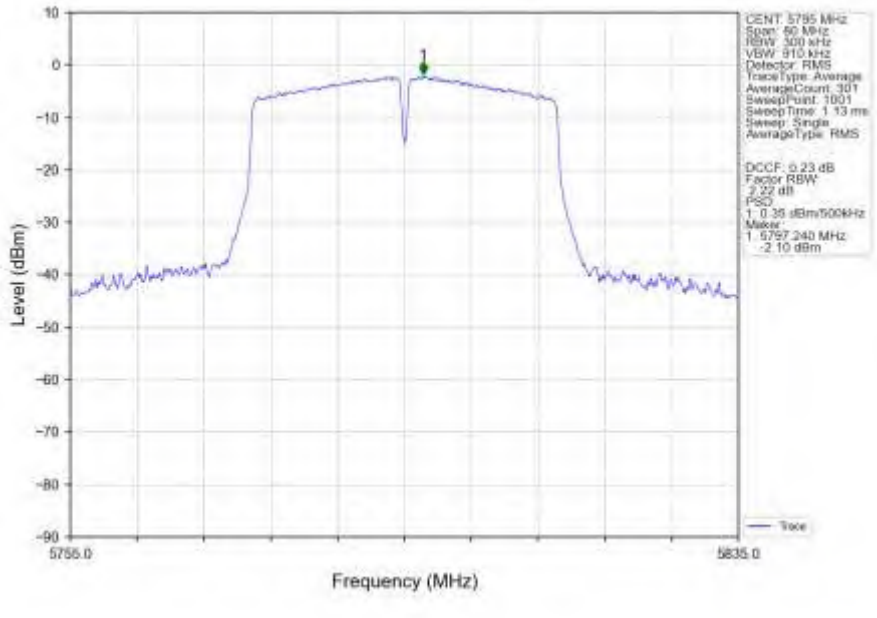
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



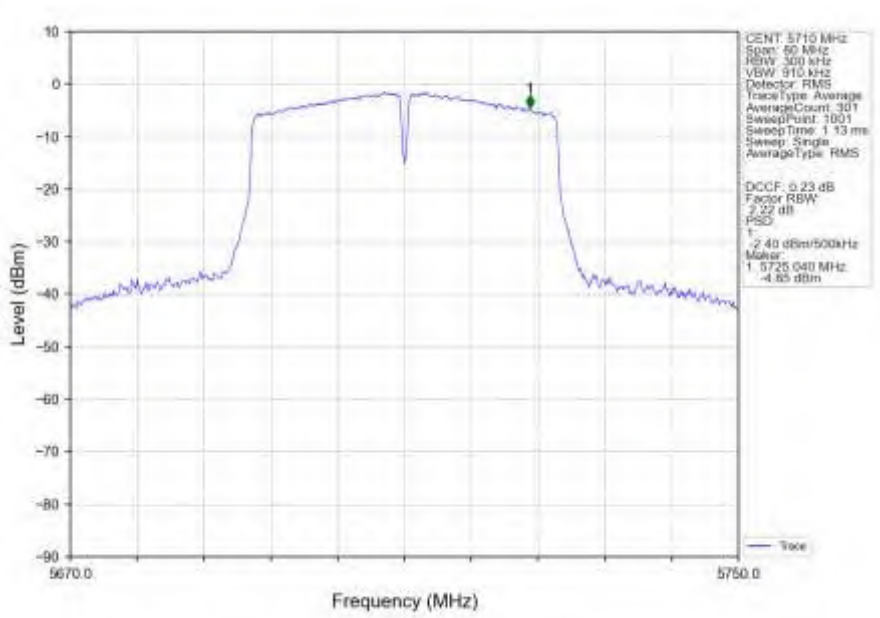
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



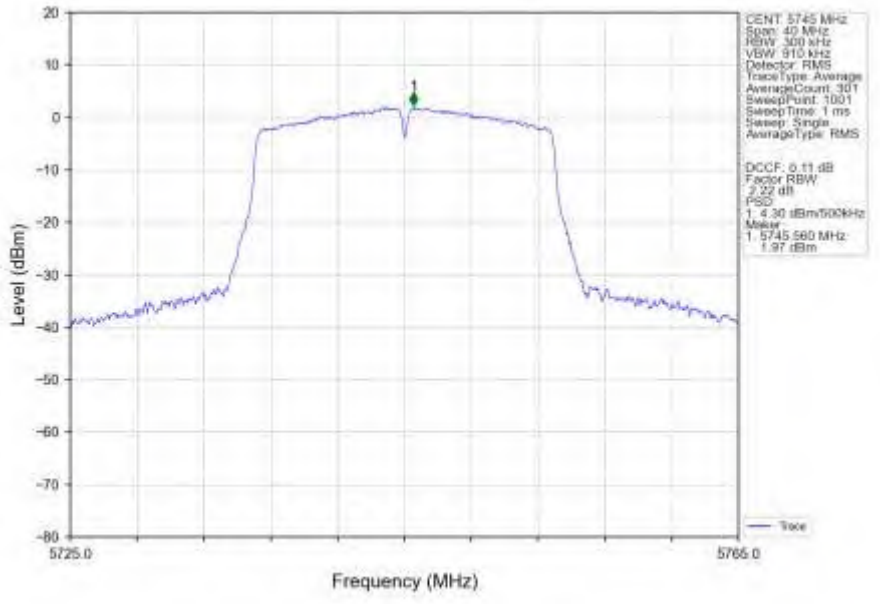
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



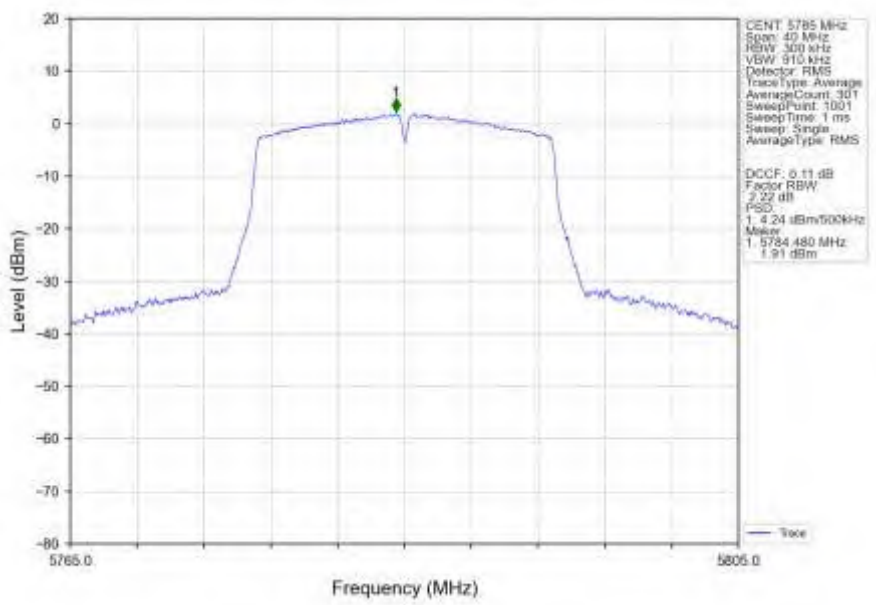
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



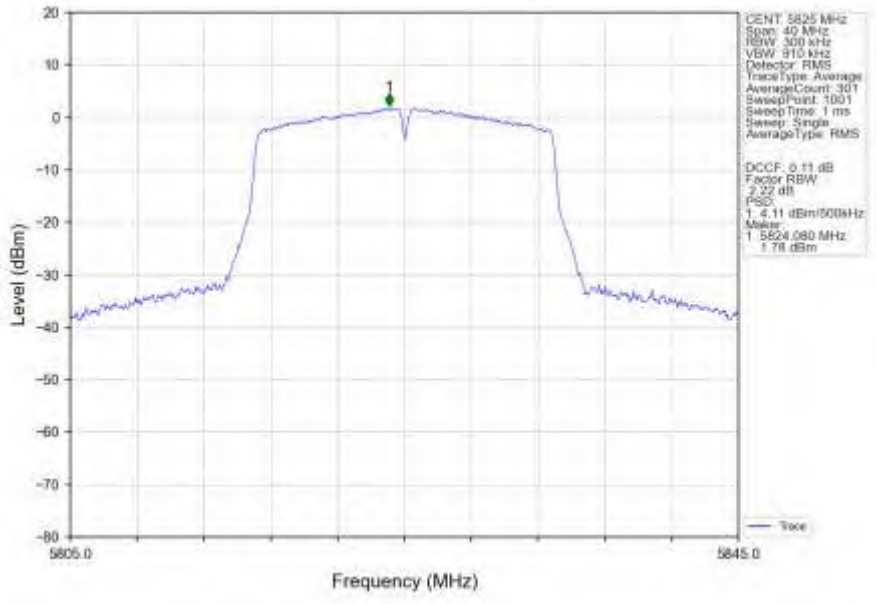
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



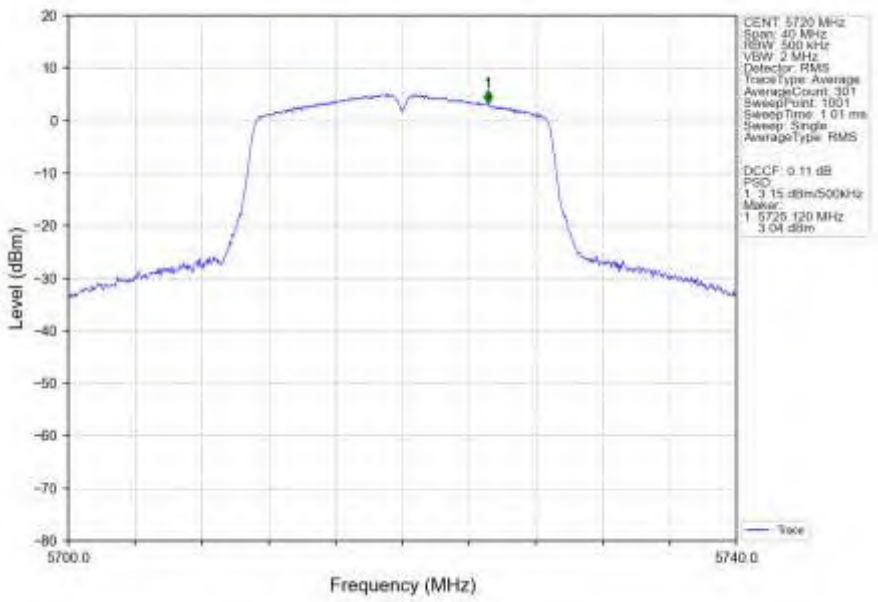
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



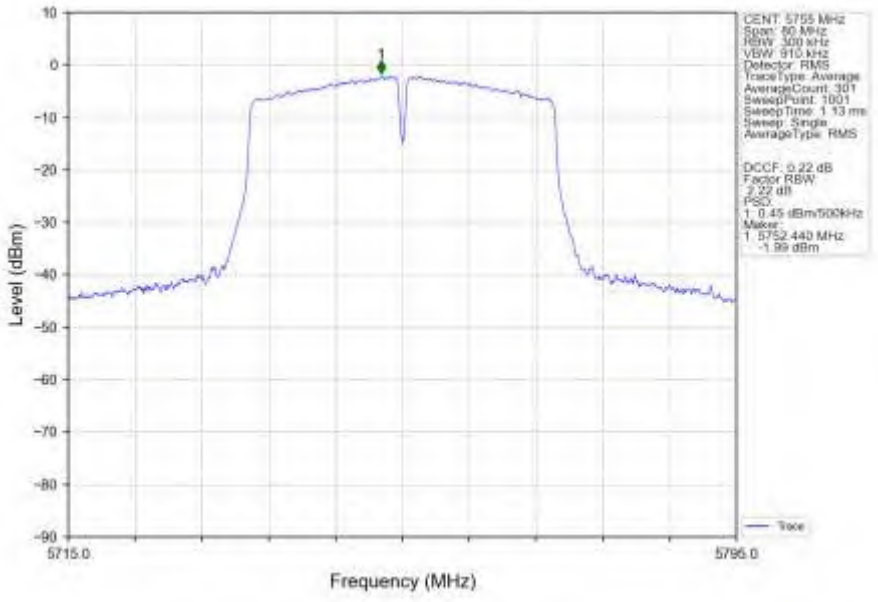
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



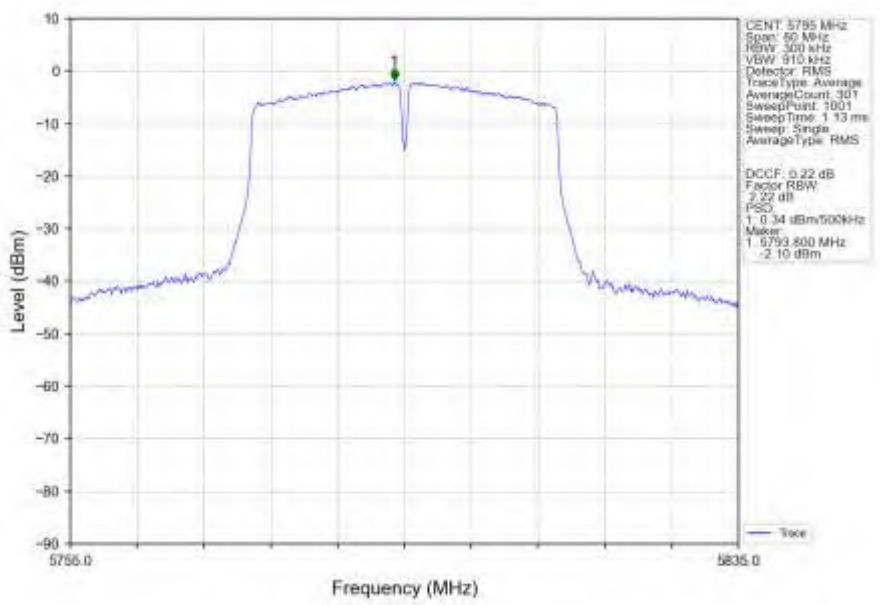
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



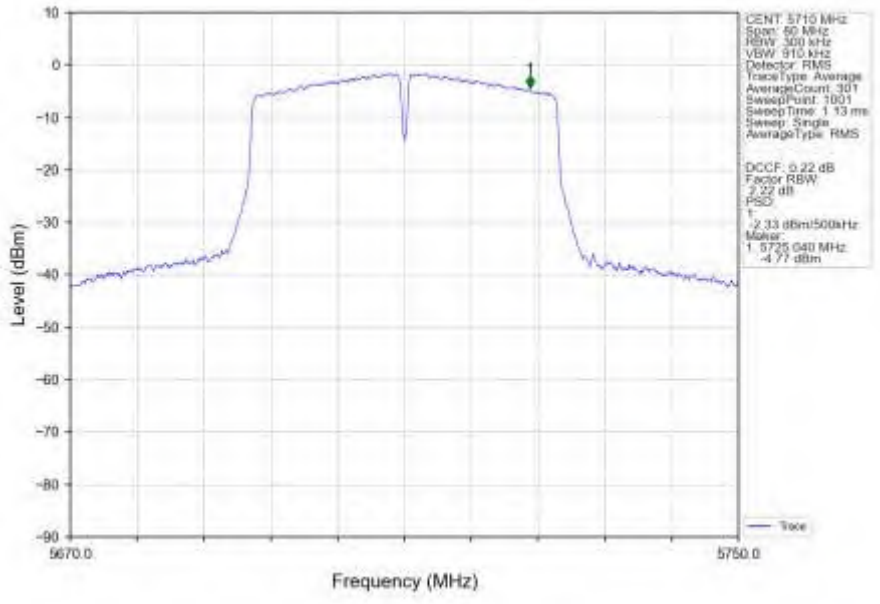
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



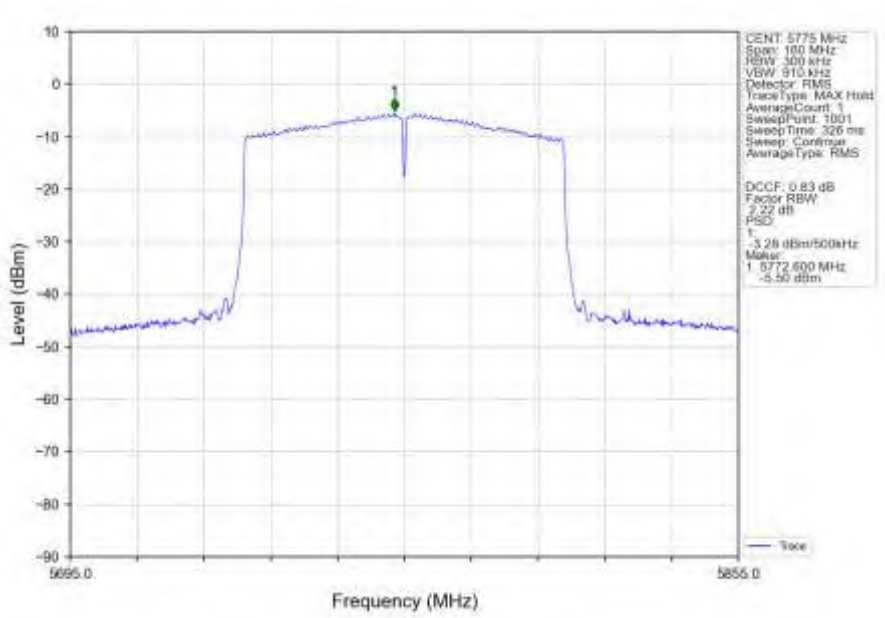
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



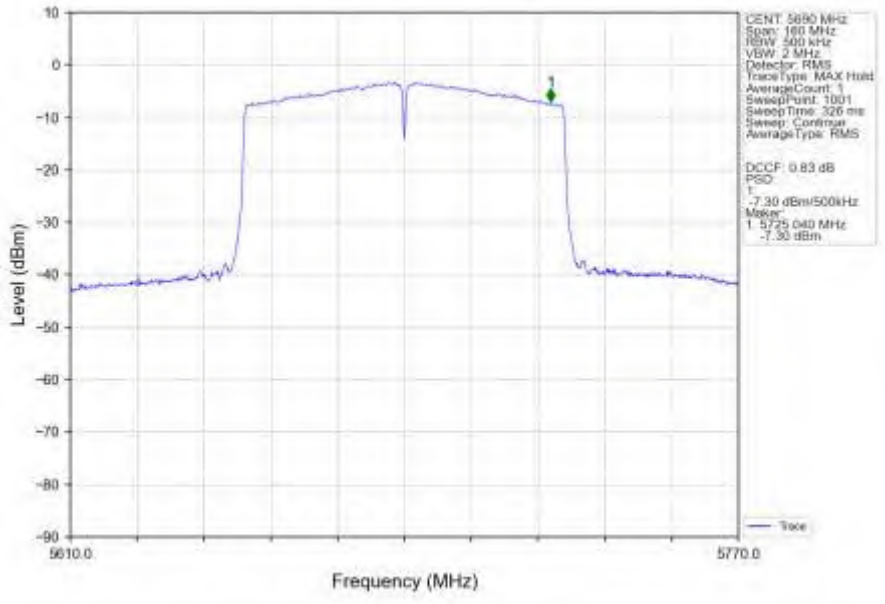
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5690MHz_Ant1_NTNV



- End of the Report -