

TEST REPORT

 CTK Co., Ltd. The Prime Leader of Global Regulatory Certification	CTK Co., Ltd. (Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea Tel: +82-31-339-9970 Fax: +82-31-624-9501	Report No.: CTK-2023-02393 Page (1) / (146) Pages	
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1. Applicant

- Name : Samsung Electronics Co., Ltd.
- Address : 129, Samsung-ro, Yeongtong-gu, suwon-si, Gyeonggi-do, 16677, Republic of Korea
- Date of Receipt : 2023-10-11

2. Manufacturer

- Name : Samsung Electronics Co., Ltd.
- Address : 129, Samsung-ro, Yeongtong-gu, suwon-si, Gyeonggi-do, 16677, Republic of Korea

3. Use of Report : For Japan MIC Certification

4. Test Sample / Model: Wi-Fi/BT Transceiver / WCP730M-OHB

5. Date of Test : 2023-10-20 to 2023-11-17

6. Test Standard(method) used : Article 2, Clause 1, Item 19-3

Test methods temporarily determined by the certification authority JPD_W_07.045J

7. Testing Environment: Temp.: (23 ± 1) °C, Humidity: (49 ± 3) % R.H.

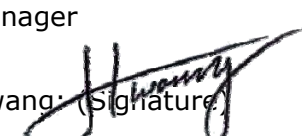
8. Test Results : Compliance

9. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing

(Address : (Unhak-Dong) 5, Dongbu-ro 221beon-gil, Cheoin-gu, Yong-in-si, Gyeonggi-do, Korea)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

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Approval	Tested by  Ji-Hye, Kim: (Signature)	Technical Manager  Won-Jae, Hwang: (Signature)
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Remark. This report is not related to KOLAS accreditation and relevant regulation.

2023-11-17

CTK Co., Ltd.



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CTK-2023-02393
Page (2) / (146) Pages

REPORT REVISION HISTORY

Date	Revision	Page No
2023-11-17	Issued (CTK-2023-02393)	all

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1. General Product Description

1.1 Applicant Information

Company	Samsung Electronics Co., Ltd.
Contact Point	129, Samsung-ro, Yeongtong-gu, suwon-si, Gyeonggi-do, 16677, Republic of Korea
Contact Person	Name : Chulmin Song E-mail : chulmin.song@samsung.com Tel : +82-10-3393-6409

1.2 Product Information

Product Description	Wi-Fi/BT Transceiver
Model name	WCP730M-OHB
Antenna type	Metal Invertes Antenna
Antenna gain	3.47 dBi
Operating Frequency	5 500 MHz – 5 700 MHz (20MHz_BW) 5 510 MHz – 5 670 MHz (40MHz_BW) 5 530 MHz – 5 610 MHz (80MHz_BW)
Measurement RF Output Power	802.11a : 9.42 mW/MHz 802.11n_HT20 : 9.53 mW/MHz 802.11ac_VHT20 : 9.89 mW/MHz 802.11n_HT40 : 3.22 mW/MHz 802.11ac_VHT40 :2.99 mW/MHz 802.11ac_VHT80 : 0.51 mW/MHz
Number of channels	20 MHz_BW : 11 40 MHz_BW : 5 80 MHz_BW : 2
Type of Modulation	OFDM
Power Source	DC 5 V

1.3 Peripheral Devices

Device	Manufacturer	Model No.	Serial No.
Note Computer	HP	15-bs563TU	CND7253QPR
AC/DC Adapter	HP	HSTNN-CA40	-
Note Computer	HP	Probook 455 g7	5CDO234DWL
AC/DC Adapter	HP	TPN-LA16	-

2. Accreditations

2.1 Laboratory Accreditations and Listings

Country	Agency	Registration Number
USA	FCC	805871
CANADA	ISED	CN : 8737A CAB ID : KR0025
KOREA	NRRA	KR0025

2.2 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less. All test equipment calibrations are traceable to the Korea Research Institute of Standards and Science (KRISS), therefore, all test data recorded in this report is traceable to KRISS.

2.3 Measurement equipment list

	Name of Equipment	Manufacturer	Model No.	Serial No.	Cal. Authority	Cal. Method	Cal Date	Due Date
1	Signal Analyzer	Agilent	N9020A	MY52090670	SICT Co., Ltd.	(c)	2023-10-06	2024-10-06
2	Signal Analyzer	Agilent	N9020A	MY50510240	SICT Co., Ltd.	(c)	2023-07-05	2024-07-05
3	Signal Generator	Rohde & Schwarz	SMB100A	175528	SICT Co., Ltd.	(c)	2023-03-22	2024-03-22
4	VECTOR SIGNAL GENERATOR	Rohde & Schwarz	SMBV100A	258008	SICT Co., Ltd.	(c)	2023-01-03	2024-01-03
5	DC Power Supply	HP	E3632A	KR75301278	SICT Co., Ltd.	(c)	2023-07-06	2024-07-06
6	Combiner/Divider	Weinschel	1594	717	SICT Co., Ltd.	(c)	2023-09-26	2024-09-26

Note : Cal. Method

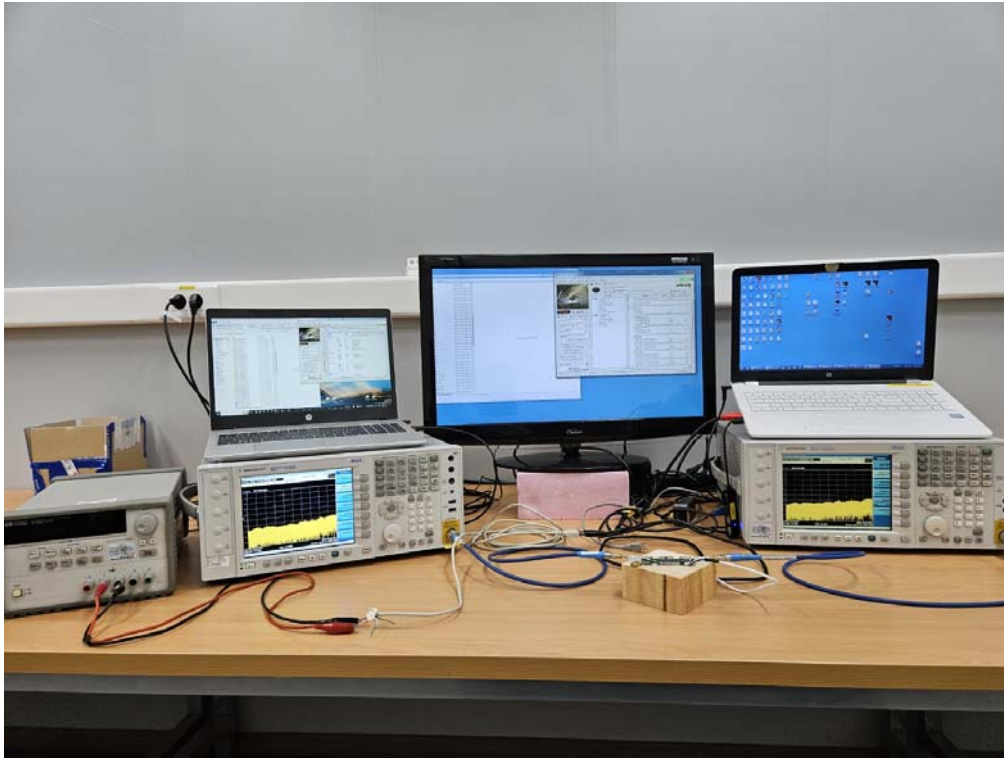
- Calibration conducted by the National Institute of Information and Communications Technology~NICT~ or a designated calibration agency under Article 102-18 paragraph (1)~ Telecom Engineering Center, Intertek Japan K.K., Keysight Technologies, Inc~.
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)~Japan Calibration Service System~
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)~ Telecom Engineering Center, Intertek Japan K.K., Keysight Technologies, Inc~.
- Calibration conducted by using other equipment that listed above from a) to c)

2.4 Maximum Measurement Uncertainty

The value of the measurement uncertainty for the measurement of each parameter.
Coverage factor $k = 2$, Confidence levels of 95 %

Description	Uncertainty
Conducted RF Output Power	1.5 dB (C.L.: Approx. 95 %, $k = 2$)
Spurious emissions(Conducted)	1.5 dB (C.L.: Approx. 95 %, $k = 2$)
Temperature	1 °C (C.L.: Approx. 95 %, $k = 2$)
Humidity	3 % (C.L.: Approx. 95 %, $k = 2$)

2.5 Test Setup photo



3. Test Results

3.1 802.11a

Peak Antenna Gain	3.47	dBi
Declaration Output Power	10	mW/MHz
	10.0000	dBm/MHz
E.I.R.P	22.2331	mW/MHz
	13.4700	dBm / MHz
Input Power Voltage	5.00	VDC

Tested Circuit Insertion Loss	Tx1	0	dB
	Tx2	0	dB
Transmission Time	ON TIME (1sec or less)	1.39	ms
	OFF TIME (0.1sec or more)	0.035	ms
	Ratio	0.9754	%

Test category :	5GHz Band Low-Power Data Communication System (802.11a-W56)
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Measurement Channel	Ch.	100	120	140		
Measurement Frequency	MHz	5500	5600	5700	Result	Limit
Frequency Measurements(Tx1)	MHz	5499.937585	5599.952851	5699.954060	----	----
Frequency Toleranc(Tx1)	ppm	-11.34818	-8.41946	-8.05965	PASS	±20×10-6(20ppm)
Frequency Measurements(Tx2)	MHz	5499.949264	5599.953032	5699.954761	----	----
Frequency Tolerance(Tx2)	ppm	-9.22473	-8.38714	-7.93667	PASS	±20×10-6(20ppm)
Occupied Bandwidth(Tx1)	MHz	16.46	16.42	16.41	PASS	20MHz or below
Occupied Bandwidth(Tx2)	MHz	16.51	16.47	16.44	PASS	20MHz or below
RF Output Power(Tx1)	mW/MHz	4.729335	4.157192	4.547786	PASS	10mW/MHz or below
RF Output Power(Tx2)	mW/MHz	5.102700	4.128574	3.279443	PASS	10mW/MHz or below
RF Output Power (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	9.832035	8.285766	7.827229	PASS	10mW/MHz or below
RF Output Power Tolerance (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	%	-1.680	-17.142	-21.728	PASS	+50% to -50%
E.I.R.P (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	10.514777	9.242726	10.111139	PASS	25mW/MHz or below

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Unwanted (Spurious) Emission Strength(Tx1)	30MHz to 5460MHz	uW/MHz	0.832	0.105	0.059	PASS	2.5uW/MHz or below
		MHz	5460.000	5449.140	5460.000	----	----
	5765MHz to 26GHz	uW/MHz	0.398	0.429	0.402	PASS	2.5uW/MHz or below
		MHz	25534.600	25372.720	25332.250	----	----
Unwanted (Spurious) Emission Strength(Tx2)	30MHz to 5460MHz	uW/MHz	0.698	0.095	0.079	PASS	2.5uW/MHz or below
		MHz	5460.000	5460.000	3798.420	----	----
	5765MHz to 26GHz	uW/MHz	0.656	0.550	0.486	PASS	2.5uW/MHz or below
		MHz	25716.710	25676.240	25150.130	----	----
Unwanted (Spurious) Emission Strength (Tx1)or(Tx1+2)or (Tx1+2+3)or (Tx1+2+3+4)	30MHz to 5460MHz	uW/MHz	1.530	0.200	0.138	PASS	2.5uW/MHz or below
		MHz	-----	-----	-----	----	----
	5765MHz to 26GHz	uW/MHz	1.054	0.978	0.888	PASS	2.5uW/MHz or below
		MHz	-----	-----	-----	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	20.350	19.410	18.900	----	----
	cf -20MHz	dB	-29.970	-31.590	-32.710	PASS	-25dBc or below
	cf +20MHz	dB	-29.990	-31.480	-32.430	PASS	-25dBc or below
	cf -40MHz	dB	-51.440	-51.550	-52.470	PASS	-40dBc or below
	cf +40MHz	dB	-52.390	-52.270	-53.180	PASS	-40dBc or below
Adjacent Channel Leakage Power (Tx2)	cf	dB	19.370	18.460	18.440	----	----
	cf -20MHz	dB	-27.970	-30.170	-30.340	PASS	-25dBc or below
	cf +20MHz	dB	-27.580	-30.160	-30.290	PASS	-25dBc or below
	cf -40MHz	dB	-50.410	-52.330	-53.340	PASS	-40dBc or below
	cf +40MHz	dB	-50.900	-53.100	-54.100	PASS	-40dBc or below

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Out-Band Leakage Power (Tx1)	5460 to 5470MHz	uW/MHz	2.667	0.097	0.066	PASS	12.5uW/MHz or below
		MHz	5469.210	5461.640	5463.890	----	----
	5745 to 5765MHz	uW/MHz	0.040	0.071	0.173	PASS	12.5uW/MHz or below
		MHz	5749.980	5758.500	5745.200	----	----
Out-Band Leakage Power (Tx2)	5460 to 5470MHz	uW/MHz	2.466	0.093	0.066	PASS	12.5uW/MHz or below
		MHz	5469.980	5468.290	5465.890	----	----
	5745 to 5765MHz	uW/MHz	0.037	0.053	0.119	PASS	12.5uW/MHz or below
		MHz	5763.260	5745.720	5747.440	----	----
Out-Band Leakage Power (Tx1) or (Tx1+2) or (Tx1+2+3) or (Tx1+2+3+4)	5460 to 5470MHz	uW/MHz	5.133	0.190	0.132	PASS	12.5uW/MHz or below
		----	-----	-----	-----	----	----
	5745 to 5765MHz	uW/MHz	0.076	0.124	0.291	PASS	12.5uW/MHz or below
		----	-----	-----	-----	----	----
		----	-----	-----	-----	----	----
		----	-----	-----	-----	----	----

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.010	0.012	0.014	PASS	4nW or below
		MHz	308.390	303.540	314.210	----	----
	1GHz to 10GHz	nW	0.106	0.102	0.119	PASS	20nW or below
		MHz	3799.000	3799.000	3799.000	----	----
	10GHz to 26GHz	nW	0.596	0.684	0.735	PASS	20nW or below
		MHz	25936.000	25968.000	25680.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.005	0.005	0.005	PASS	4nW or below
		MHz	952.470	61.040	274.440	----	----
	1GHz to 10GHz	nW	0.441	0.466	0.457	PASS	20nW or below
		MHz	3799.000	3799.000	3799.000	----	----
	10GHz to 26GHz	nW	0.856	0.762	0.887	PASS	20nW or below
		MHz	25136.000	25728.000	25696.000	----	----
Secondary Emitted Radio Wave Strength (Rx1)or(Rx1+2) or (Rx1+2+3) or (Rx1+2+3+4)	30MHz to 1000MHz	nW	0.016	0.016	0.018	PASS	4nW or below
		MHz	-----	-----	-----	----	----
	1GHz to 10GHz	nW	0.547	0.568	0.576	PASS	20nW or below
		MHz	-----	-----	-----	----	----
	10GHz to 26GHz	nW	1.452	1.446	1.623	PASS	20nW or below
		MHz	-----	-----	-----	----	----
Burst Length of Transmitted Signals		----	Good	Good	Good	PASS	8ms or below
Carrier Sensing Function		----	Good	Good	Good	PASS	100mV/m
Transmission Power Transmission Function		----	-----	-----	-----	----	----
Interference Prevention Function		----	Good			PASS	

3.2 802.11n_HT20

Peak Antenna Gain	3.47	dBi
Declaration Output Power	10	mW/MHz
	10.0000	dBm/MHz
E.I.R.P	22.2331	mW/MHz
	13.4700	dBm / MHz
Input Power Voltage	5.00	VDC

Tested Circuit Insertion Loss	Tx1	0	dB
	Tx2	0	dB
Transmission Time	ON TIME (1sec or less)	1.285	ms
	OFF TIME (0.1sec or more)	0.035	ms
	Ratio	0.9735	%

Test category :	5GHz Band Low-Power Data Communication System (802.11n_HT20-W56)
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Measurement Channel	Ch.	100	120	140		
Measurement Frequency	MHz	5500	5600	5700	Result	Limit
Frequency Measurements(Tx1)	MHz	5499.956260	5599.954011	5699.944199	----	----
Frequency Toleranc(Tx1)	ppm	-7.95273	-8.21232	-9.78965	PASS	±20×10-6(20ppm)
Frequency Measurements(Tx2)	MHz	5499.956760	5599.961343	5699.961073	----	----
Frequency Tolerance(Tx2)	ppm	-7.86182	-6.90304	-6.82930	PASS	±20×10-6(20ppm)
Occupied Bandwidth(Tx1)	MHz	17.65	17.6	17.6	PASS	20MHz or below
Occupied Bandwidth(Tx2)	MHz	17.72	17.67	17.64	PASS	20MHz or below
RF Output Power(Tx1)	mW/MHz	5.207998	4.292110	3.816549	PASS	10mW/MHz or below
RF Output Power(Tx2)	mW/MHz	4.321861	3.553619	3.347116	PASS	10mW/MHz or below
RF Output Power (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	9.529859	7.845728	7.163665	PASS	10mW/MHz or below
RF Output Power Tolerance (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	%	-4.701	-21.543	-28.363	PASS	+50% to -50%
E.I.R.P (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	11.578993	9.542690	8.485370	PASS	25mW/MHz or below

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Unwanted (Spurious) Emission Strength(Tx1)	30MHz to 5460MHz	uW/MHz	1.675	0.069	0.069	PASS	2.5uW/MHz or below
		MHz	5460.000	5443.710	5460.000	----	----
	5765MHz to 26GHz	uW/MHz	0.346	0.357	0.378	PASS	2.5uW/MHz or below
		MHz	25979.770	25453.660	25979.770	----	----
Unwanted (Spurious) Emission Strength(Tx2)	30MHz to 5460MHz	uW/MHz	0.815	0.114	0.073	PASS	2.5uW/MHz or below
		MHz	5460.000	5460.000	5438.280	----	----
	5765MHz to 26GHz	uW/MHz	0.501	0.443	0.593	PASS	2.5uW/MHz or below
		MHz	25109.660	25048.960	25129.900	----	----
Unwanted (Spurious) Emission Strength (Tx1)or(Tx1+2)or (Tx1+2+3)or (Tx1+2+3+4)	30MHz to 5460MHz	uW/MHz	2.490	0.183	0.142	PASS	2.5uW/MHz or below
		MHz	-----	-----	-----	----	----
	5765MHz to 26GHz	uW/MHz	0.847	0.800	0.970	PASS	2.5uW/MHz or below
		MHz	-----	-----	-----	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	20.720	19.680	19.250	----	----
	cf -20MHz	dB	-28.870	-30.820	-31.660	PASS	-25dBc or below
	cf +20MHz	dB	-28.660	-30.270	-31.250	PASS	-25dBc or below
	cf -40MHz	dB	-50.550	-50.930	-51.890	PASS	-40dBc or below
	cf +40MHz	dB	-51.060	-51.540	-52.490	PASS	-40dBc or below
Adjacent Channel Leakage Power (Tx2)	cf	dB	19.340	18.570	18.410	----	----
	cf -20MHz	dB	-27.570	-29.760	-29.890	PASS	-25dBc or below
	cf +20MHz	dB	-27.190	-29.390	-29.790	PASS	-25dBc or below
	cf -40MHz	dB	-49.730	-52.080	-53.090	PASS	-40dBc or below
	cf +40MHz	dB	-49.480	-52.270	-53.420	PASS	-40dBc or below

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Out-Band Leakage Power (Tx1)	5460 to 5470MHz	uW/MHz	3.459	0.099	0.062	PASS	12.5uW/MHz or below
		MHz	5469.950	5468.270	5463.150	----	----
	5745 to 5765MHz	uW/MHz	0.041	0.063	0.310	PASS	12.5uW/MHz or below
		MHz	5763.720	5747.020	5745.740	----	----
Out-Band Leakage Power (Tx2)	5460 to 5470MHz	uW/MHz	3.451	0.088	0.074	PASS	12.5uW/MHz or below
		MHz	5469.930	5466.260	5463.340	----	----
	5745 to 5765MHz	uW/MHz	0.037	0.059	0.148	PASS	12.5uW/MHz or below
		MHz	5758.800	5759.780	5745.420	----	----
Out-Band Leakage Power (Tx1) or (Tx1+2) or (Tx1+2+3) or (Tx1+2+3+4)	5460 to 5470MHz	uW/MHz	6.911	0.187	0.136	PASS	12.5uW/MHz or below
		----	-----	-----	-----	----	----
	5745 to 5765MHz	uW/MHz	0.078	0.122	0.459	PASS	12.5uW/MHz or below
		----	-----	-----	-----	----	----

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.010	0.013	0.014	PASS	4nW or below
		MHz	310.330	310.330	308.390	----	----
	1GHz to 10GHz	nW	0.129	0.110	0.082	PASS	20nW or below
		MHz	2458.000	3799.000	5851.000	----	----
	10GHz to 26GHz	nW	0.827	0.688	0.719	PASS	20nW or below
		MHz	25968.000	25968.000	25984.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.004	0.005	0.005	PASS	4nW or below
		MHz	859.350	265.710	853.530	----	----
	1GHz to 10GHz	nW	0.416	0.450	0.528	PASS	20nW or below
		MHz	3799.000	3799.000	3799.000	----	----
	10GHz to 26GHz	nW	0.821	0.850	0.929	PASS	20nW or below
		MHz	25616.000	25184.000	25136.000	----	----
Secondary Emitted Radio Wave Strength (Rx1)or(Rx1+2) or (Rx1+2+3) or (Rx1+2+3+4)	30MHz to 1000MHz	nW	0.014	0.018	0.018	PASS	4nW or below
		MHz	-----	-----	-----	----	----
	1GHz to 10GHz	nW	0.546	0.560	0.610	PASS	20nW or below
		MHz	-----	-----	-----	----	----
	10GHz to 26GHz	nW	1.648	1.538	1.648	PASS	20nW or below
		MHz	-----	-----	-----	----	----
Burst Length of Transmitted Signals		----	Good	Good	Good	PASS	8ms or below
Carrier Sensing Function		----	Good	Good	Good	PASS	100mV/m
Transmission Power Transmission Function		----	-----	-----	-----	----	----
Interference Prevention Function		----	Good			PASS	

3.3 802.11ac_VHT20

Peak Antenna Gain	3.47	dBi
Declaration Output Power	10	mW/MHz
	10.0000	dBm/MHz
E.I.R.P	22.2331	mW/MHz
	13.4700	dBm / MHz
Input Power Voltage	5.00	VDC

Tested Circit Insertion Loss	Tx1	0	dB
	Tx2	0	dB
Transmission Time	ON TIME (1sec or less)	0.681	ms
	OFF TIME (0.1sec or more)	0.036	ms
	Ratio	0.9498	%

Test category :	5GHz Band Low-Power Data Communication System (802.11ac_VHT20-W56)
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Measurement Channel	Ch.	100	120	140		
Measurement Frequency	MHz	5500	5600	5700	Result	Limit
Frequency Measurements(Tx1)	MHz	5499.937585	5599.952851	5699.954060	----	----
Frequency Toleranc(Tx1)	ppm	-11.34818	-8.41946	-8.05965	PASS	±20×10-6(20ppm)
Frequency Measurements(Tx2)	MHz	5499.949264	5599.953032	5699.954761	----	----
Frequency Tolerance(Tx2)	ppm	-9.22473	-8.38714	-7.93667	PASS	±20×10-6(20ppm)
Occupied Bandwidth(Tx1)	MHz	17.61	17.59	17.58	PASS	20MHz or below
Occupied Bandwidth(Tx2)	MHz	17.68	17.62	17.64	PASS	20MHz or below
RF Output Power(Tx1)	mW/MHz	4.627773	4.030622	4.077294	PASS	10mW/MHz or below
RF Output Power(Tx2)	mW/MHz	4.692152	3.866981	3.692938	PASS	10mW/MHz or below
RF Output Power (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	9.319925	7.897603	7.770232	PASS	10mW/MHz or below
RF Output Power Tolerance (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	%	-6.801	-21.024	-22.298	PASS	+50% to -50%
E.I.R.P (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	10.288973	8.961321	9.065088	PASS	25mW/MHz or below

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Unwanted (Spurious) Emission Strength(Tx1)	30MHz to 5460MHz	uW/MHz	0.675	0.076	0.055	PASS	2.5uW/MHz or below
		MHz	5460.000	5454.570	5449.140	----	----
	5765MHz to 26GHz	uW/MHz	0.388	0.330	0.316	PASS	2.5uW/MHz or below
		MHz	25332.250	25433.420	25433.420	----	----
Unwanted (Spurious) Emission Strength(Tx2)	30MHz to 5460MHz	uW/MHz	0.522	0.100	0.076	PASS	2.5uW/MHz or below
		MHz	5460.000	5460.000	3798.420	----	----
	5765MHz to 26GHz	uW/MHz	0.486	0.471	0.498	PASS	2.5uW/MHz or below
		MHz	25089.430	25150.130	25676.240	----	----
Unwanted (Spurious) Emission Strength (Tx1)or(Tx1+2)or (Tx1+2+3)or (Tx1+2+3+4)	30MHz to 5460MHz	uW/MHz	1.197	0.176	0.131	PASS	2.5uW/MHz or below
		MHz	-----	-----	-----	----	----
	5765MHz to 26GHz	uW/MHz	0.875	0.801	0.814	PASS	2.5uW/MHz or below
		MHz	-----	-----	-----	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	20.660	19.640	19.210	----	----
	cf -20MHz	dB	-30.680	-33.130	-34.370	PASS	-25dBc or below
	cf +20MHz	dB	-31.000	-33.270	-34.060	PASS	-25dBc or below
	cf -40MHz	dB	-51.640	-52.550	-53.020	PASS	-40dBc or below
	cf +40MHz	dB	-52.700	-53.480	-53.660	PASS	-40dBc or below
Adjacent Channel Leakage Power (Tx2)	cf	dB	19.540	18.610	18.600	----	----
	cf -20MHz	dB	-28.120	-31.140	-30.770	PASS	-25dBc or below
	cf +20MHz	dB	-28.170	-31.050	-31.010	PASS	-25dBc or below
	cf -40MHz	dB	-50.380	-52.530	-53.520	PASS	-40dBc or below
	cf +40MHz	dB	-50.740	-53.320	-54.220	PASS	-40dBc or below

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Out-Band Leakage Power (Tx1)	5460 to 5470MHz	uW/MHz	2.624	0.089	0.071	PASS	12.5uW/MHz or below
		MHz	5469.490	5464.570	5463.570	----	----
	5745 to 5765MHz	uW/MHz	0.041	0.065	0.150	PASS	12.5uW/MHz or below
		MHz	5745.380	5747.280	5747.300	----	----
Out-Band Leakage Power (Tx2)	5460 to 5470MHz	uW/MHz	4.246	0.091	0.065	PASS	12.5uW/MHz or below
		MHz	5469.740	5461.830	5468.680	----	----
	5745 to 5765MHz	uW/MHz	0.047	0.056	0.104	PASS	12.5uW/MHz or below
		MHz	5758.460	5749.660	5747.640	----	----
Out-Band Leakage Power (Tx1) or (Tx1+2) or (Tx1+2+3) or (Tx1+2+3+4)	5460 to 5470MHz	uW/MHz	6.870	0.181	0.136	PASS	12.5uW/MHz or below
		----	-----	-----	-----	----	----
	5745 to 5765MHz	uW/MHz	0.088	0.121	0.255	PASS	12.5uW/MHz or below
		----	-----	-----	-----	----	----

Measurement Channel		Ch.	100	120	140		
Measurement Frequency		MHz	5500	5600	5700	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.010	0.012	0.014	PASS	4nW or below
		MHz	308.390	303.540	314.210	----	----
	1GHz to 10GHz	nW	0.106	0.102	0.119	PASS	20nW or below
		MHz	3799.000	3799.000	3799.000	----	----
	10GHz to 26GHz	nW	0.596	0.684	0.735	PASS	20nW or below
		MHz	25936.000	25968.000	25680.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.005	0.005	0.005	PASS	4nW or below
		MHz	952.470	61.040	274.440	----	----
	1GHz to 10GHz	nW	0.441	0.466	0.457	PASS	20nW or below
		MHz	3799.000	3799.000	3799.000	----	----
	10GHz to 26GHz	nW	0.856	0.762	0.887	PASS	20nW or below
		MHz	25136.000	25728.000	25696.000	----	----
Secondary Emitted Radio Wave Strength (Rx1)or(Rx1+2) or (Rx1+2+3) or (Rx1+2+3+4)	30MHz to 1000MHz	nW	0.016	0.016	0.018	PASS	4nW or below
		MHz	-----	-----	-----	----	----
	1GHz to 10GHz	nW	0.547	0.568	0.576	PASS	20nW or below
		MHz	-----	-----	-----	----	----
	10GHz to 26GHz	nW	1.452	1.446	1.623	PASS	20nW or below
		MHz	-----	-----	-----	----	----
Burst Length of Transmitted Signals		----	Good	Good	Good	PASS	8ms or below
Carrier Sensing Function		----	Good	Good	Good	PASS	100mV/m
Transmission Power Transmission Function		----	-----	-----	-----	----	----
Interference Prevention Function		----	Good			PASS	

3.4 802.11n_HT40

Peak Antenna Gain	3.47	dBi
Declaration Output Power	3.5	mW/MHz
	5.4407	dBm/MHz
E.I.R.P	7.7816	mW/MHz
	8.9107	dBm / MHz
Input Power Voltage	5.00	VDC

Tested Circuit Insertion Loss	Tx1	0	dB
	Tx2	0	dB
Transmission Time	ON TIME (1sec or less)	0.636	ms
	OFF TIME (0.1sec or more)	0.034	ms
	Ratio	0.9493	%

Test category : 5GHz Band Low-Power Data Communication System (802.11n_HT40-W56)

Measurement Channel	Ch.	102	118	134		
Measurement Frequency	MHz	5510	5590	5670	Result	Limit
Frequency Measurements(Tx1)	MHz	5509.947459	5589.945531	5669.945379	----	----
Frequency Toleranc(Tx1)	ppm	-9.53557	-9.74401	-9.63333	PASS	±20×10 ⁻⁶ (20ppm)
Frequency Measurements(Tx2)	MHz	5509.962478	5589.966655	5669.975246	----	----
Frequency Tolerance(Tx2)	ppm	-6.80980	-5.96512	-4.36578	PASS	±20×10 ⁻⁶ (20ppm)
Occupied Bandwidth(Tx1)	MHz	36.1	36.07	36.13	PASS	40MHz or below
Occupied Bandwidth(Tx2)	MHz	36.19	36.11	36.13	PASS	40MHz or below
RF Output Power(Tx1)	mW/MHz	1.682674	1.396368	1.485936	PASS	5mW/MHz or below
RF Output Power(Tx2)	mW/MHz	1.540344	1.260717	1.338498	PASS	5mW/MHz or below
RF Output Power (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	3.223018	2.657086	2.824434	PASS	5mW/MHz or below
RF Output Power Tolerance (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	%	-7.914	-24.083	-19.302	PASS	+50% to -50%
E.I.R.P (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	3.741106	3.104560	3.303695	PASS	12.5mW/MHz or below

Measurement Channel		Ch.	102	118	134		
Measurement Frequency		MHz	5510	5590	5670	Result	Limit
Unwanted (Spurious) Emission Strength(Tx1)	30MHz to 5460MHz	uW/MHz	3.357	0.088	0.083	PASS	12.5uW/MHz or below
		MHz	5454.570	5454.570	5460.000	----	----
	5770MHz to 26GHz	uW/MHz	0.396	0.370	0.427	PASS	12.5uW/MHz or below
		MHz	25413.330	25413.330	26000.000	----	----
Unwanted (Spurious) Emission Strength(Tx2)	30MHz to 5460MHz	uW/MHz	3.184	0.094	0.074	PASS	12.5uW/MHz or below
		MHz	5460.000	5432.850	5443.710	----	----
	5770MHz to 26GHz	uW/MHz	0.472	0.561	0.535	PASS	12.5uW/MHz or below
		MHz	25676.320	25109.880	25696.550	----	----
Unwanted (Spurious) Emission Strength (Tx1)or(Tx1+2)or (Tx1+2+3)or (Tx1+2+3+4)	30MHz to 5460MHz	uW/MHz	6.542	0.182	0.157	PASS	12.5uW/MHz or below
		MHz	---	---	---	----	----
	5770MHz to 26GHz	uW/MHz	0.868	0.931	0.961	PASS	12.5uW/MHz or below
		MHz	---	---	---	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	19.230	18.430	18.700	----	----
	cf -40MHz	dB	-30.690	-32.260	-30.970	PASS	-25dBc or below
	cf +40MHz	dB	-30.540	-32.600	-31.550	PASS	-25dBc or below
	cf -80MHz	dB	-50.150	-50.300	-49.980	PASS	-40dBc or below
	cf +80MHz	dB	-50.690	-51.060	-51.070	PASS	-40dBc or below
Adjacent Channel Leakage Power (Tx2)	cf	dB	18.020	17.200	17.640	----	----
	cf -40MHz	dB	-28.370	-30.350	-29.430	PASS	-25dBc or below
	cf +40MHz	dB	-27.820	-29.980	-29.910	PASS	-25dBc or below
	cf -80MHz	dB	-49.060	-50.830	-50.200	PASS	-40dBc or below
	cf +80MHz	dB	-48.790	-51.700	-51.770	PASS	-40dBc or below

Measurement Channel		Ch.	102	118	134		
Measurement Frequency		MHz	5510	5590	5670	Result	Limit
Out-Band Leakage Power (Tx1)	5460 to 5470MHz	uW/MHz	23.442	0.139	0.067	PASS	50uW/MHz or below
		MHz	5469.910	5469.560	5464.970	----	----
Out-Band Leakage Power (Tx2)	5460 to 5470MHz	uW/MHz	20.845	0.094	0.065	PASS	50uW/MHz or below
		MHz	5469.720	5467.690	5465.330	----	----
Out-Band Leakage Power (Tx1) or (Tx1+2) or (Tx1+2+3) or (Tx1+2+3+4)	5460 to 5470MHz	uW/MHz	44.287	0.233	0.132	PASS	50uW/MHz or below
		----	---	---	---	----	----

Measurement Channel		Ch.	102	118	134		
Measurement Frequency		MHz	5510	5590	5670	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.009	0.012	0.013	PASS	4nW or below
		MHz	314.210	310.330	308.390	----	----
	1GHz to 10GHz	nW	0.103	0.160	1.550	PASS	20nW or below
		MHz	6085.000	2467.000	2476.000	----	----
	10GHz to 26GHz	nW	0.618	0.638	0.726	PASS	20nW or below
		MHz	25440.000	26000.000	25392.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.005	0.005	0.005	PASS	4nW or below
		MHz	975.750	731.310	895.240	----	----
	1GHz to 10GHz	nW	0.407	0.498	0.729	PASS	20nW or below
		MHz	3781.000	3781.000	2449.000	----	----
	10GHz to 26GHz	nW	0.826	0.924	0.889	PASS	20nW or below
		MHz	25168.000	25696.000	25136.000	----	----
Secondary Emitted Radio Wave Strength (Rx1)or(Rx1+2) or (Rx1+2+3) or (Rx1+2+3+4)	30MHz to 1000MHz	nW	0.014	0.017	0.018	PASS	4nW or below
		MHz	---	---	---	----	----
	1GHz to 10GHz	nW	0.509	0.658	2.279	PASS	20nW or below
		MHz	---	---	---	----	----
	10GHz to 26GHz	nW	1.444	1.562	1.615	PASS	20nW or below
		MHz	---	---	---	----	----
Burst Length of Transmitted Signals		----	Good	Good	Good	PASS	8ms or below
Carrier Sensing Function		----	Good	Good	Good	PASS	100mV/m
Transmission Power Transmission Function		----	---	---	---	----	----
Interference Prevention Function		----	Good			PASS	

3.5 802.11ac_VHT40

Peak Antenna Gain	3.47	dBi
Declaration Output Power	3.5	mW/MHz
	5.4407	dBm/MHz
E.I.R.P	7.7816	mW/MHz
	8.9107	dBm / MHz
Input Power Voltage	5.00	VDC

Tested Circuit Insertion Loss	Tx1	0	dB
	Tx2	0	dB
Transmission Time	ON TIME (1sec or less)	0.364	ms
	OFF TIME (0.1sec or more)	0.034	ms
	Ratio	0.9146	%

Test category : 5GHz Band Low-Power Data Communication System (802.11ac_VHT40-W56)

Measurement Channel	Ch.	102	118	134		
Measurement Frequency	MHz	5510	5590	5670	Result	Limit
Frequency Measurements(Tx1)	MHz	5509.948775	5589.947657	5669.947462	----	----
Frequency Toleranc(Tx1)	ppm	-9.29673	-9.36369	-9.26596	PASS	±20×10 ⁻⁶ (20ppm)
Frequency Measurements(Tx2)	MHz	5509.957503	5589.962458	5669.962700	----	----
Frequency Tolerance(Tx2)	ppm	-7.71270	-6.71592	-6.57848	PASS	±20×10 ⁻⁶ (20ppm)
Occupied Bandwidth(Tx1)	MHz	36.11	36.06	36.07	PASS	40MHz or below
Occupied Bandwidth(Tx2)	MHz	36.14	36.07	36.1	PASS	40MHz or below
RF Output Power(Tx1)	mW/MHz	1.570363	1.196741	1.361445	PASS	5mW/MHz or below
RF Output Power(Tx2)	mW/MHz	1.415082	1.134440	1.261193	PASS	5mW/MHz or below
RF Output Power (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	2.985445	2.331181	2.622638	PASS	5mW/MHz or below
RF Output Power Tolerance (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	%	-14.702	-33.395	-25.067	PASS	+50% to -50%
E.I.R.P (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	3.491403	2.660725	3.026913	PASS	12.5mW/MHz or below

Measurement Channel		Ch.	102	118	134		
Measurement Frequency		MHz	5510	5590	5670	Result	Limit
Unwanted (Spurious) Emission Strength(Tx1)	30MHz to 5460MHz	uW/MHz	3.639	0.074	0.072	PASS	12.5uW/MHz or below
		MHz	5460.000	5427.420	5454.570	----	----
	5770MHz to 26GHz	uW/MHz	0.379	0.336	0.396	PASS	12.5uW/MHz or below
		MHz	24320.910	25979.770	25979.770	----	----
Unwanted (Spurious) Emission Strength(Tx2)	30MHz to 5460MHz	uW/MHz	5.998	0.092	0.094	PASS	12.5uW/MHz or below
		MHz	5460.000	5449.140	5427.420	----	----
	5770MHz to 26GHz	uW/MHz	0.541	0.550	0.491	PASS	12.5uW/MHz or below
		MHz	25089.650	25211.030	25757.240	----	----
Unwanted (Spurious) Emission Strength (Tx1)or(Tx1+2)or (Tx1+2+3)or (Tx1+2+3+4)	30MHz to 5460MHz	uW/MHz	9.637	0.166	0.166	PASS	12.5uW/MHz or below
		MHz	---	---	---	----	----
	5770MHz to 26GHz	uW/MHz	0.920	0.885	0.887	PASS	12.5uW/MHz or below
		MHz	---	---	---	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	19.280	18.480	18.630	----	----
	cf -40MHz	dB	-32.150	-34.100	-32.670	PASS	-25dBc or below
	cf +40MHz	dB	-32.240	-34.720	-33.500	PASS	-25dBc or below
	cf -80MHz	dB	-50.750	-50.990	-50.480	PASS	-40dBc or below
	cf +80MHz	dB	-51.500	-51.880	-51.660	PASS	-40dBc or below
Adjacent Channel Leakage Power (Tx2)	cf	dB	18.190	17.170	17.680	----	----
	cf -40MHz	dB	-29.170	-31.750	-30.560	PASS	-25dBc or below
	cf +40MHz	dB	-28.830	-31.510	-31.180	PASS	-25dBc or below
	cf -80MHz	dB	-49.910	-51.460	-50.730	PASS	-40dBc or below
	cf +80MHz	dB	-50.030	-52.640	-52.430	PASS	-40dBc or below

Measurement Channel		Ch.	102	118	134		
Measurement Frequency		MHz	5510	5590	5670	Result	Limit
Out-Band Leakage Power (Tx1)	5460 to 5470MHz	uW/MHz	14.256	0.104	0.068	PASS	50uW/MHz or below
		MHz	5469.790	5462.490	5463.580	----	----
Out-Band Leakage Power (Tx2)	5460 to 5470MHz	uW/MHz	20.324	0.095	0.077	PASS	50uW/MHz or below
		MHz	5469.480	5463.590	5469.190	----	----
Out-Band Leakage Power (Tx1) or (Tx1+2) or (Tx1+2+3) or (Tx1+2+3+4)	5460 to 5470MHz	uW/MHz	34.580	0.199	0.144	PASS	50uW/MHz or below
		----	---	---	---	----	----

Measurement Channel		Ch.	102	118	134		
Measurement Frequency		MHz	5510	5590	5670	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.014	0.014	0.014	PASS	4nW or below
		MHz	310.330	314.210	316.150	----	----
	1GHz to 10GHz	nW	0.160	0.133	0.281	PASS	20nW or below
		MHz	2458.000	2440.000	2458.000	----	----
	10GHz to 26GHz	nW	0.684	0.678	0.834	PASS	20nW or below
		MHz	25424.000	25968.000	25984.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.005	0.005	0.006	PASS	4nW or below
		MHz	863.230	276.380	948.590	----	----
	1GHz to 10GHz	nW	0.612	0.636	0.527	PASS	20nW or below
		MHz	3673.000	3727.000	3781.000	----	----
	10GHz to 26GHz	nW	0.853	0.782	0.837	PASS	20nW or below
		MHz	25696.000	25696.000	25152.000	----	----
Secondary Emitted Radio Wave Strength (Rx1)or(Rx1+2) or (Rx1+2+3) or (Rx1+2+3+4)	30MHz to 1000MHz	nW	0.019	0.019	0.020	PASS	4nW or below
		MHz	---	---	---	----	----
	1GHz to 10GHz	nW	0.773	0.769	0.809	PASS	20nW or below
		MHz	---	---	---	----	----
	10GHz to 26GHz	nW	1.537	1.460	1.671	PASS	20nW or below
		MHz	---	---	---	----	----
Burst Length of Transmitted Signals		----	Good	Good	Good	PASS	8ms or below
Carrier Sensing Function		----	Good	Good	Good	PASS	100mV/m
Transmission Power Transmission Function		----	---	---	---	----	----
Interference Prevention Function		----	Good			PASS	

3.6 802.11ac_VHT80

Peak Antenna Gain	3.47	dBi
Declaration Output Power	0.6	mW/MHz
	-2.2185	dBm/MHz
E.I.R.P	1.3340	mW/MHz
	1.2515	dBm / MHz
Input Power Voltage	5.00	VDC

Tested Circuit Insertion Loss	Tx1	0	dB
	Tx2	0	dB
Transmission Time	ON TIME (1sec or less)	0.189	ms
	OFF TIME (0.1sec or more)	0.035	ms
	Ratio	0.8438	%

Test category : 5GHz Band Low-Power Data Communication System (802.11ac_VHT80-W56)

Measurement Channel	Ch.	106	122		
Measurement Frequency	MHz	5530	5610	Result	Limit
Frequency Measurements(Tx1)	MHz	5529.948220	5609.946413	----	----
Frequency Toleranc(Tx1)	ppm	-9.36347	-9.55205	PASS	±20×10-6(20ppm)
Frequency Measurements(Tx2)	MHz	5529.948376	5609.969797	----	----
Frequency Tolerance(Tx2)	ppm	-9.33526	-5.38378	PASS	±20×10-6(20ppm)
Occupied Bandwidth(Tx1)	MHz	75.73	75.68	PASS	80MHz or below
Occupied Bandwidth(Tx2)	MHz	75.73	75.72	PASS	80MHz or below
RF Output Power(Tx1)	mW/MHz	0.262897	0.250488	PASS	2.5mW/MHz or below
RF Output Power(Tx2)	mW/MHz	0.244786	0.213200	PASS	2.5mW/MHz or below
RF Output Power (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	0.507683	0.463687	PASS	2.5mW/MHz or below
RF Output Power Tolerance (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	%	-15.386	-22.719	PASS	+50% to -50%
E.I.R.P (Tx1)or(Tx1+2)or(Tx1+2+3)or(Tx1+2+3+4)	mW/MHz	1.128737	1.030920	PASS	6.25mW/MHz or below

Measurement Channel		Ch.	106	122		
Measurement Frequency		MHz	5530	5610	Result	Limit
Unwanted (Spurious) Emission Strength(Tx1)	30MHz to 5460MHz	uW/MHz	0.586	0.075	PASS	2.5uW/MHz or below
		MHz	5460.000	5460.000	----	----
	5770MHz to 26GHz	uW/MHz	0.401	0.372	PASS	2.5uW/MHz or below
		MHz	25959.540	25433.560	----	----
Unwanted (Spurious) Emission Strength(Tx2)	30MHz to 5460MHz	uW/MHz	1.710	0.092	PASS	2.5uW/MHz or below
		MHz	5460.000	5427.420	----	----
	5770MHz to 26GHz	uW/MHz	0.632	0.489	PASS	2.5uW/MHz or below
		MHz	25089.650	25190.800	----	----
Unwanted (Spurious) Emission Strength (Tx1)or(Tx1+2)or (Tx1+2+3)or (Tx1+2+3+4)	30MHz to 5460MHz	uW/MHz	2.296	0.167	PASS	2.5uW/MHz or below
		----	---	---	----	----
	5770MHz to 26GHz	uW/MHz	1.033	0.860	PASS	2.5uW/MHz or below
		----	---	---	----	----
Adjacent Channel Leakage Power (Tx1)	cf	dB	15.890	15.860	----	----
	cf -80MHz	dB	-57.280	-56.970	PASS	-25dBc or below
	cf +80MHz	dB	-57.650	-56.740	PASS	-25dBc or below
Adjacent Channel Leakage Power (Tx2)	cf	dB	15.310	14.670	----	----
	cf -80MHz	dB	-52.290	-52.360	PASS	-25dBc or below
	cf +80MHz	dB	-51.290	-52.090	PASS	-25dBc or below

Measurement Channel		Ch.	106	122		
Measurement Frequency		MHz	5530	5610	Result	Limit
Out-Band Leakage Power (Tx1)	5460 to 5469.5MHz	uW/MHz	1.888	0.099	PASS	50uW/MHz or below
		MHz	5468.860	5462.210	----	----
	5469.5 to 5470MHz	uW/MHz	2.104	0.096	PASS	51.2uW/MHz or below
		MHz	5469.970	5469.890	----	----
Out-Band Leakage Power (Tx2)	5460 to 5469.5MHz	uW/MHz	4.436	0.073	PASS	50uW/MHz or below
		MHz	5466.010	5462.950	----	----
	5469.5 to 5470MHz	uW/MHz	9.954	0.114	PASS	51.2uW/MHz or below
		MHz	5469.720	5469.740	----	----
Out-Band Leakage Power (Tx1) or (Tx1+2) or (Tx1+2+3) or (Tx1+2+3+4)	5460 to 5469.5MHz	uW/MHz	6.324	0.172	PASS	50uW/MHz or below
		MHz	---	---	----	----
	5469.5 to 5470MHz	uW/MHz	12.058	0.209	PASS	51.2uW/MHz or below
		MHz	---	---	----	----

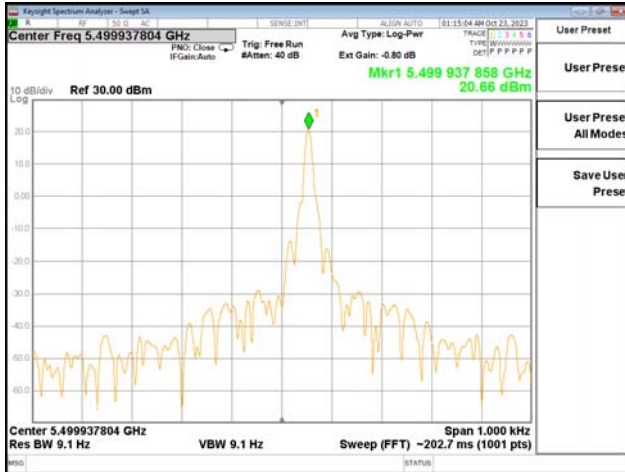
Measurement Channel		Ch.	106	122		
Measurement Frequency		MHz	5530	5610	Result	Limit
Secondary Emitted Radio Wave Strength (Rx1)	30MHz to 1000MHz	nW	0.010	0.011	PASS	4nW or below
		MHz	308.390	308.390	----	----
	1GHz to 10GHz	nW	0.378	0.857	PASS	20nW or below
		MHz	2467.000	2458.000	----	----
	10GHz to 26GHz	nW	0.642	0.606	PASS	20nW or below
		MHz	25968.000	25408.000	----	----
Secondary Emitted Radio Wave Strength (Rx2)	30MHz to 1000MHz	nW	0.005	0.005	PASS	4nW or below
		MHz	915.610	475.230	----	----
	1GHz to 10GHz	nW	0.705	0.536	PASS	20nW or below
		MHz	3691.000	3736.000	----	----
	10GHz to 26GHz	nW	0.845	0.838	PASS	20nW or below
		MHz	25664.000	25152.000	----	----
Secondary Emitted Radio Wave Strength (Rx1)or(Rx1+2) or (Rx1+2+3) or (Rx1+2+3+4)	30MHz to 1000MHz	nW	0.015	0.016	PASS	4nW or below
		----	---	---	----	----
	1GHz to 10GHz	nW	1.083	1.393	PASS	20nW or below
		----	---	---	----	----
	10GHz to 26GHz	nW	1.487	1.443	PASS	20nW or below
		----	---	---	----	----
Burst Length of Transmitted Signals		----	Good	Good	PASS	8ms or below
Carrier Sensing Function		----	Good	Good	PASS	100mV/m
Transmission Power Transmission Function		----	---	---	----	----
Interference Prevention Function		----	Good		PASS	

APPENDIX A – 802.11a data

Frequency tolerance

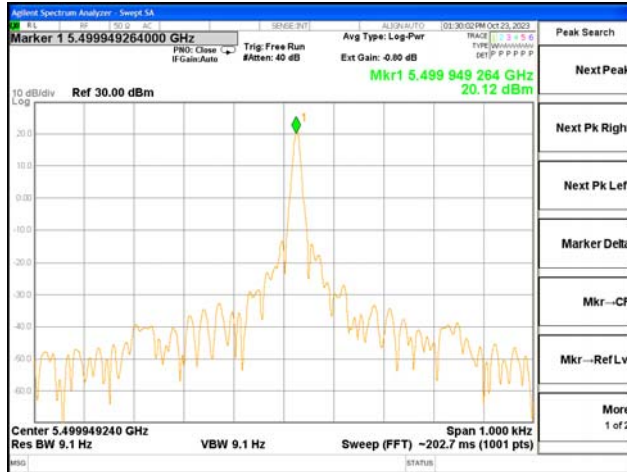
ANT 1

Ch.100: 5 500MHz

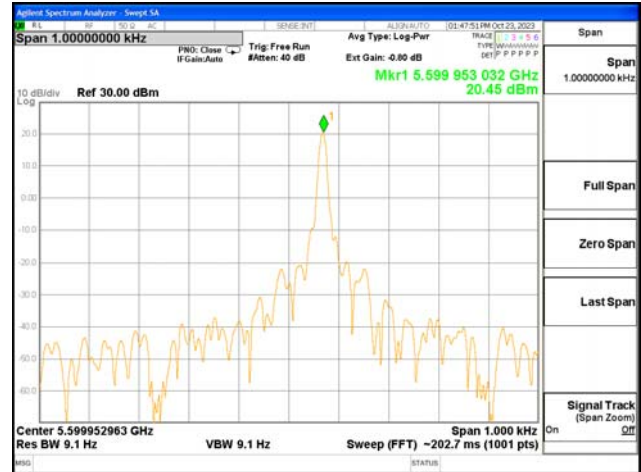


ANT 2

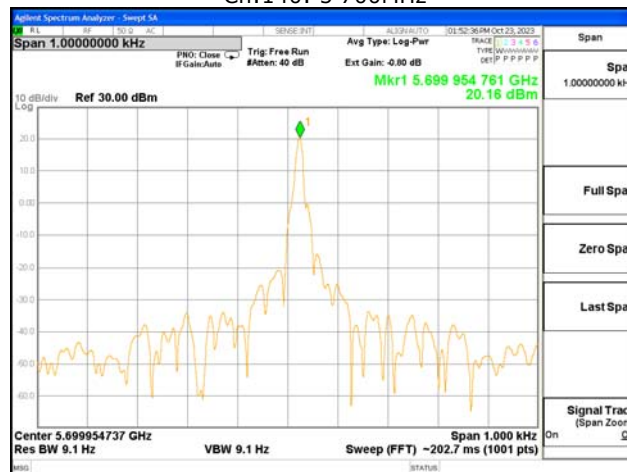
Ch.100: 5 500MHz



Ch.120: 5 600MHz



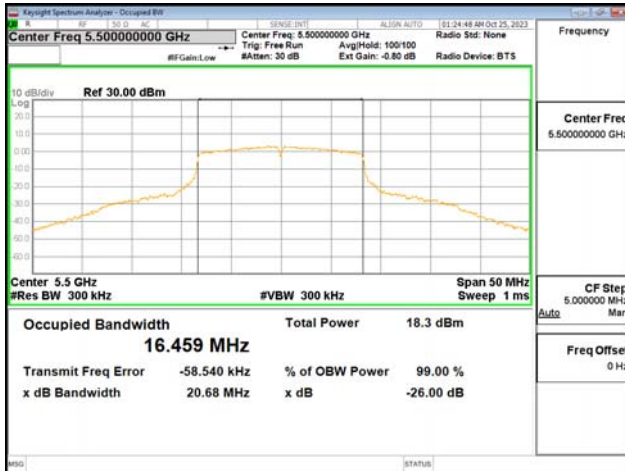
Ch.140: 5 700MHz



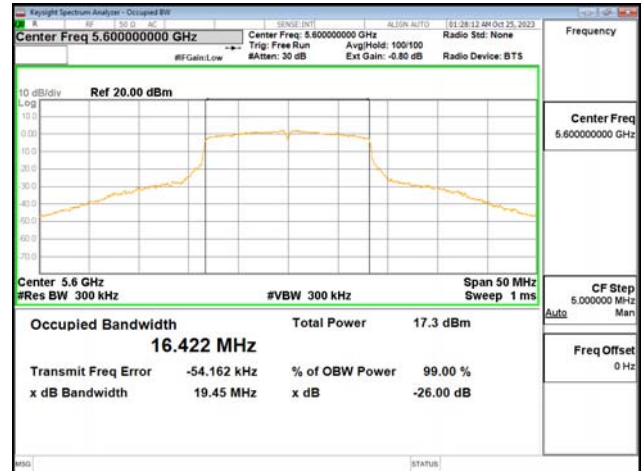
Occupied bandwidth

ANT 1

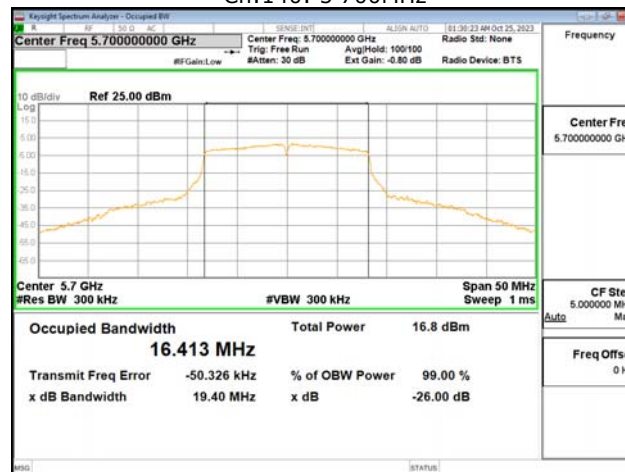
Ch.100: 5 500MHz



Ch.120: 5 600MHz

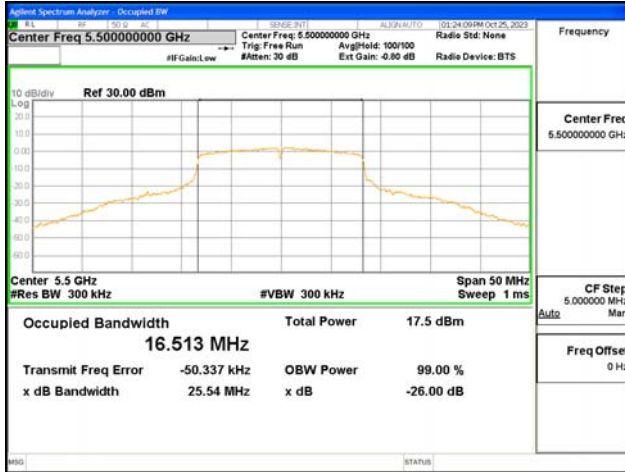


Ch.140: 5 700MHz



ANT 2

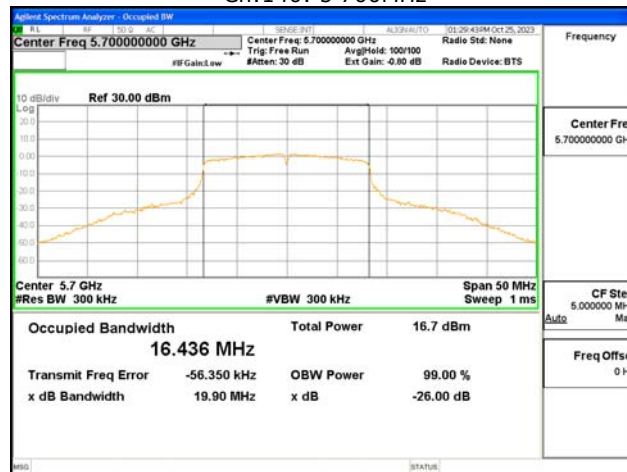
Ch.100: 5 500MHz



Ch.120: 5 600MHz



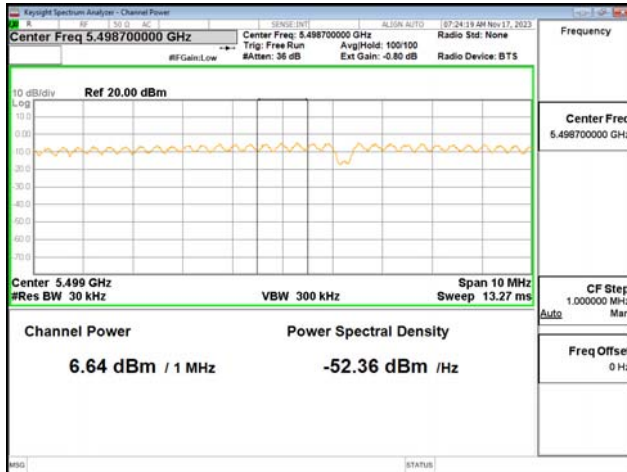
Ch.140: 5 700MHz



RF output power

ANT 1

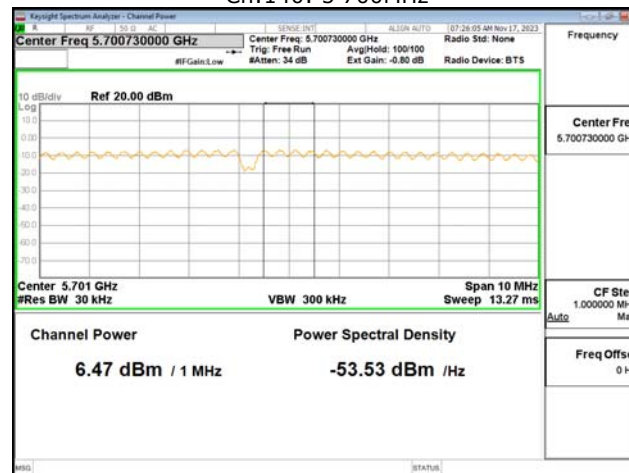
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



ANT 2

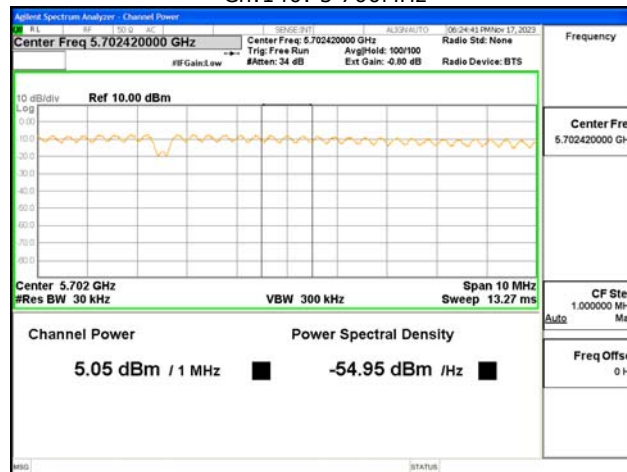
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



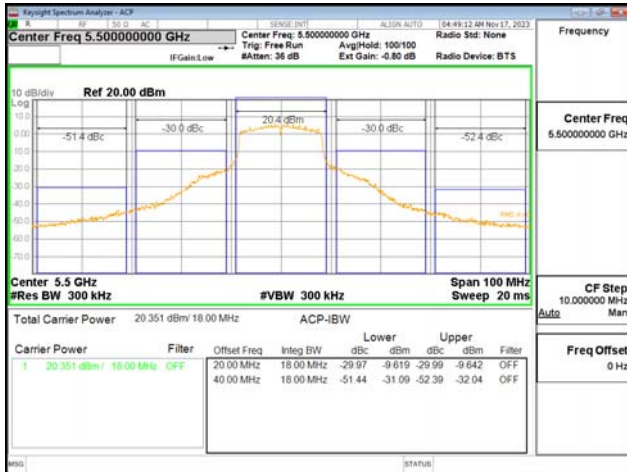
ON/OFF time



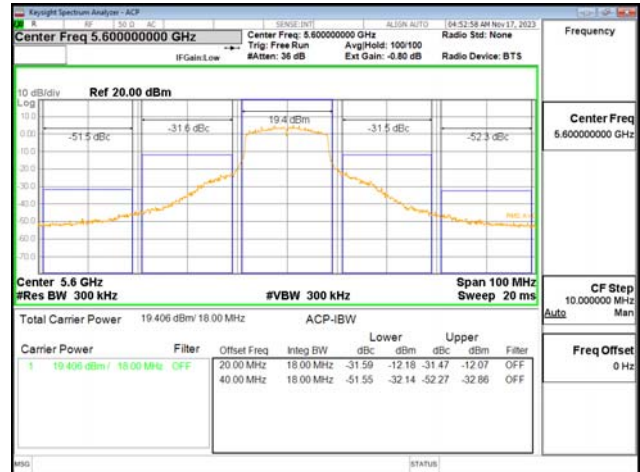
Adjacent Channel Leakage Power

ANT 1

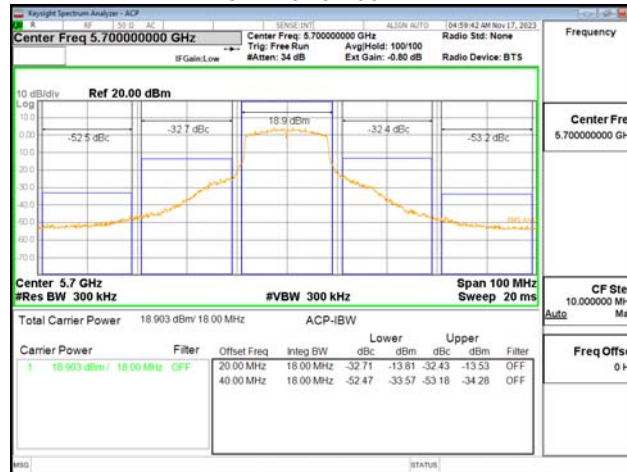
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz

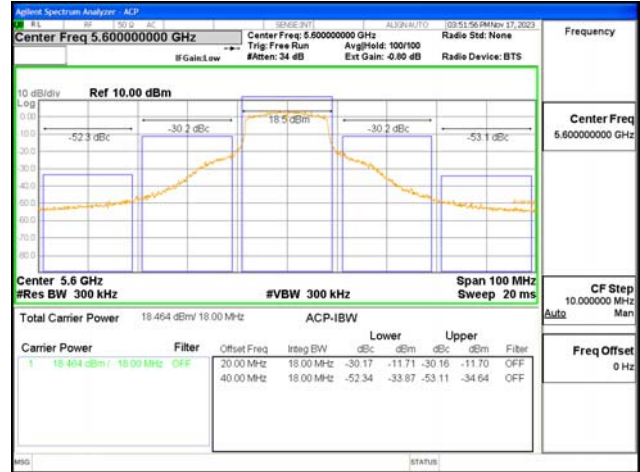


ANT 2

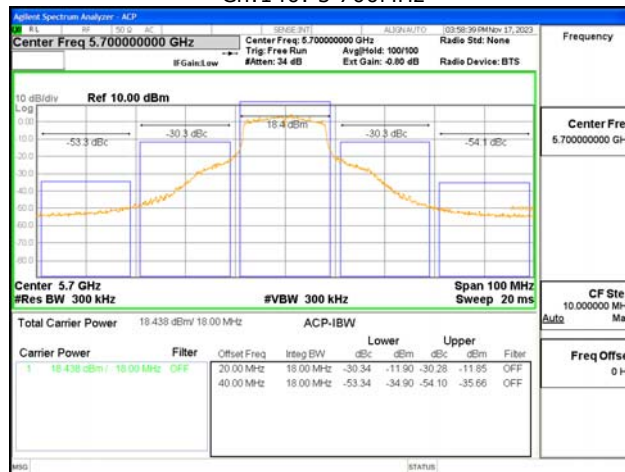
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



Unwanted(Spurious) emissions

ANT 1

Ch.100: 5 500MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.120: 5 600MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.140: 5 700MHz

30MHz-5460MHz



5765MHz-26GHz



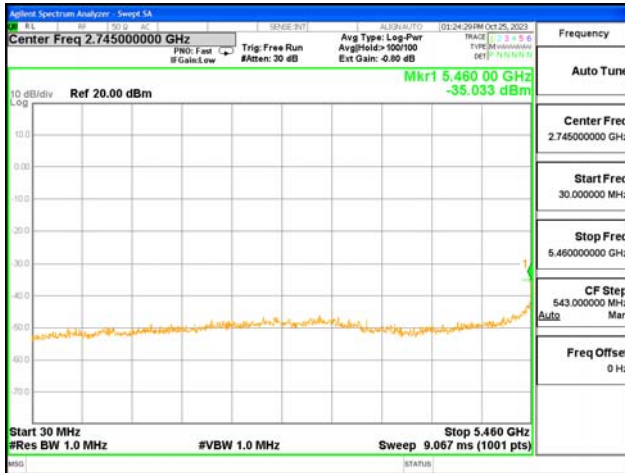


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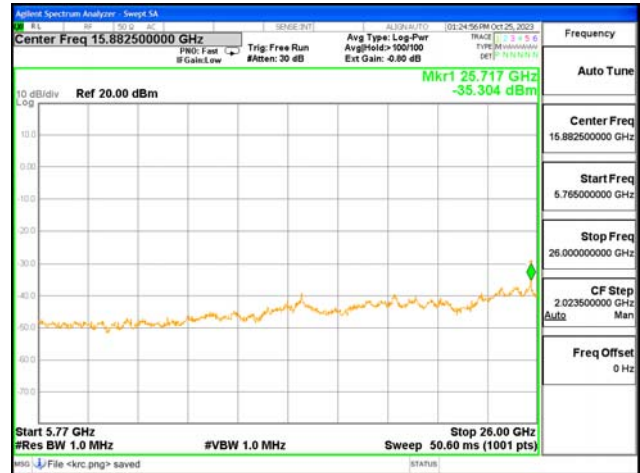
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ANT 2
Ch.100: 5 500MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.120: 5 600MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.140: 5 700MHz

30MHz-5460MHz



5765MHz-26GHz





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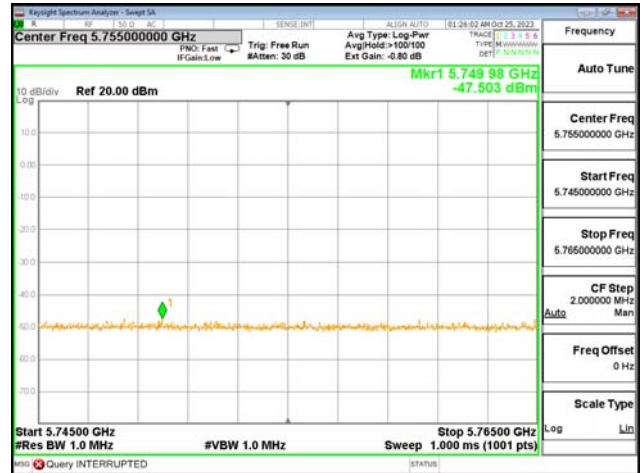
Out-band leakage power ANT 1

Ch.100: 5 500MHz

5460MHz-5470MHz

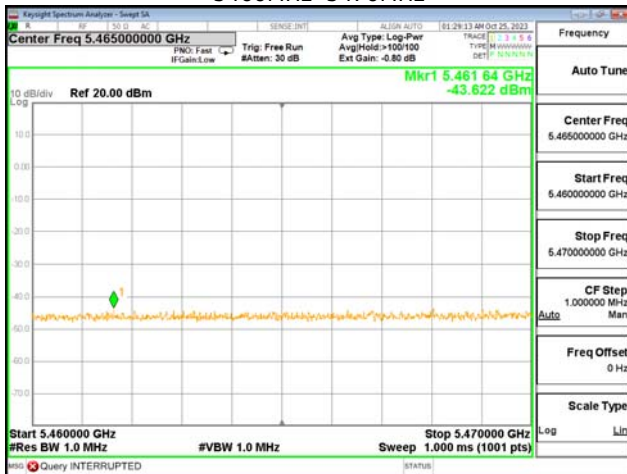


5745MHz-5765MHz

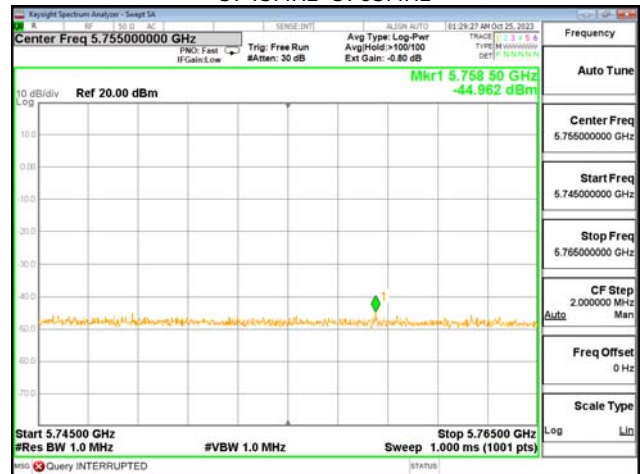


Ch.120: 5 600MHz

5460MHz-5470MHz

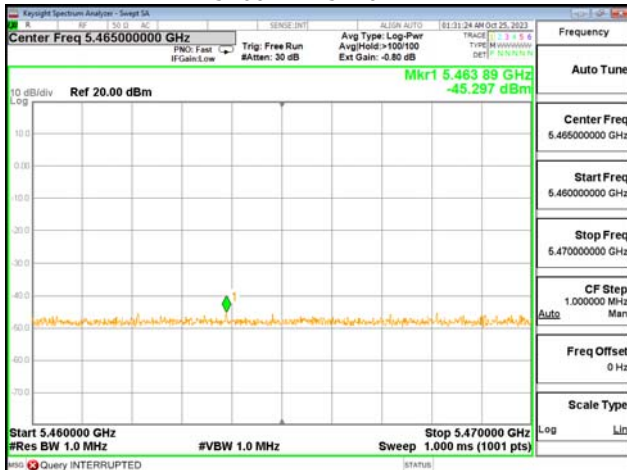


5745MHz-5765MHz

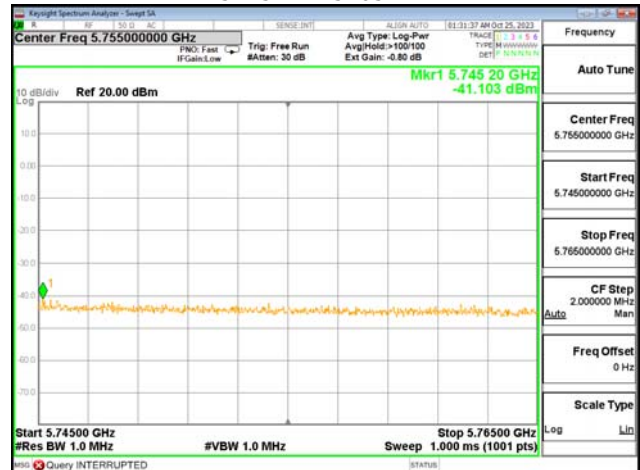


Ch.140: 5 700MHz

5460MHz-5470MHz

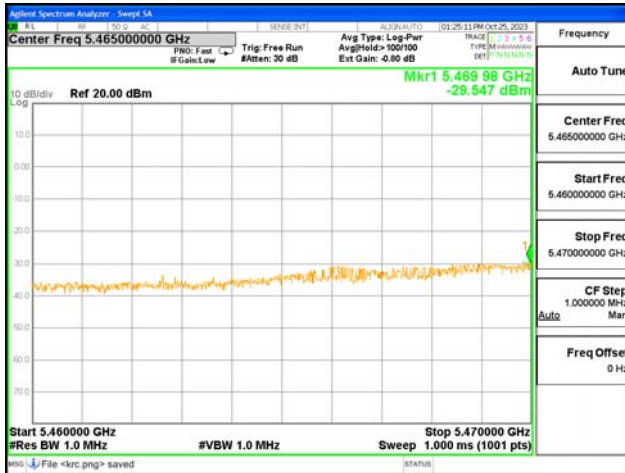


5745MHz-5765MHz

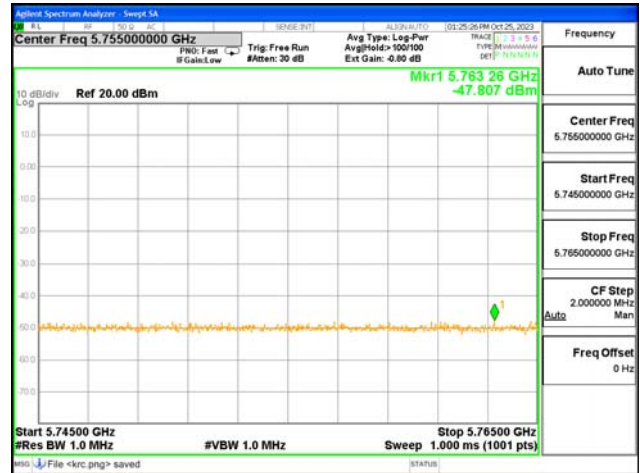


ANT 2
Ch.100: 5 500MHz

5460MHz-5470MHz

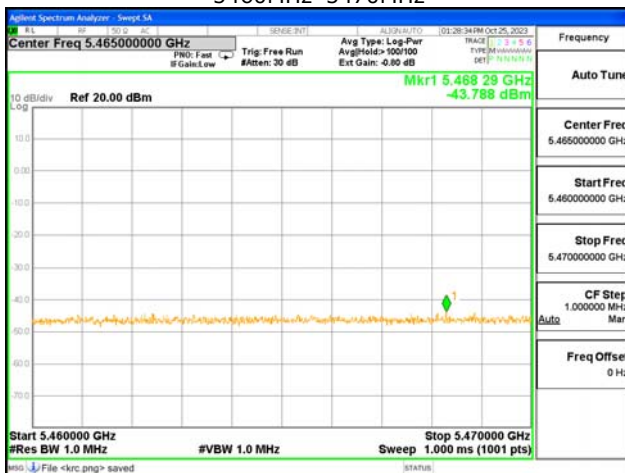


5745MHz-5765MHz

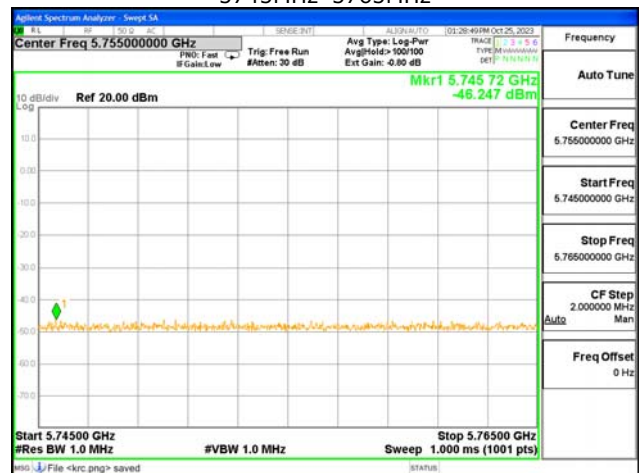


Ch.120: 5 600MHz

5460MHz-5470MHz

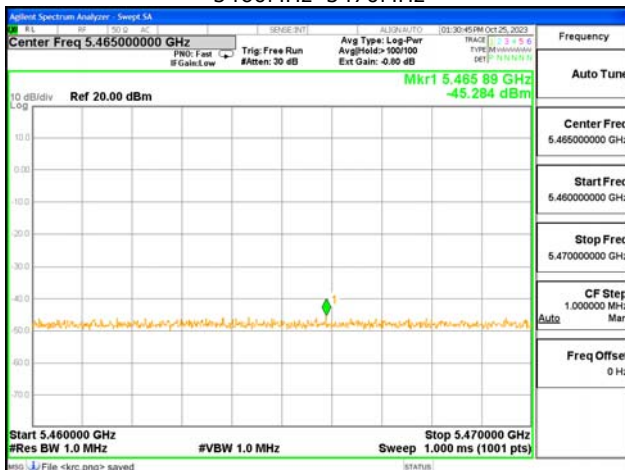


5745MHz-5765MHz

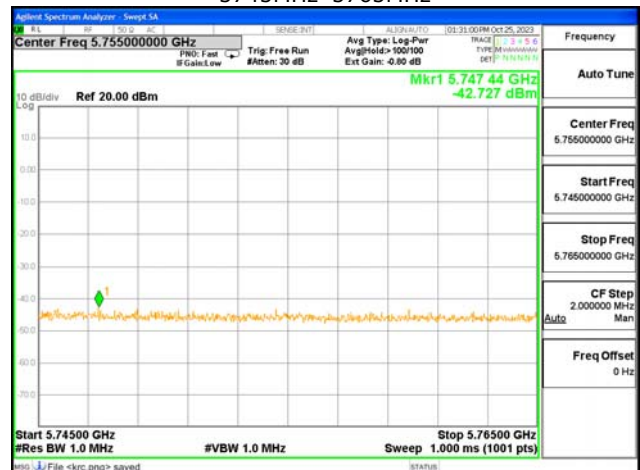


Ch.140: 5 700MHz

5460MHz-5470MHz



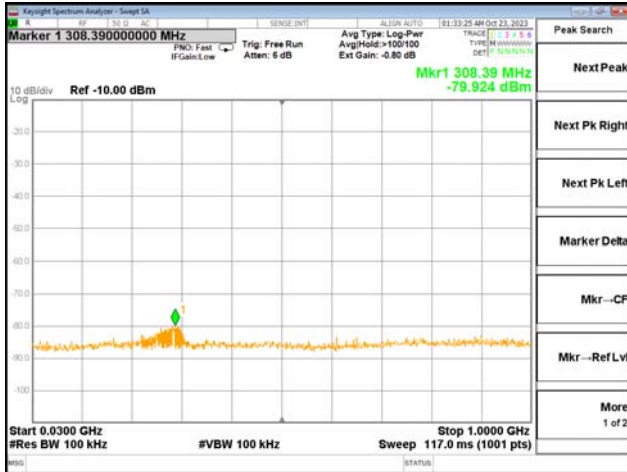
5745MHz-5765MHz



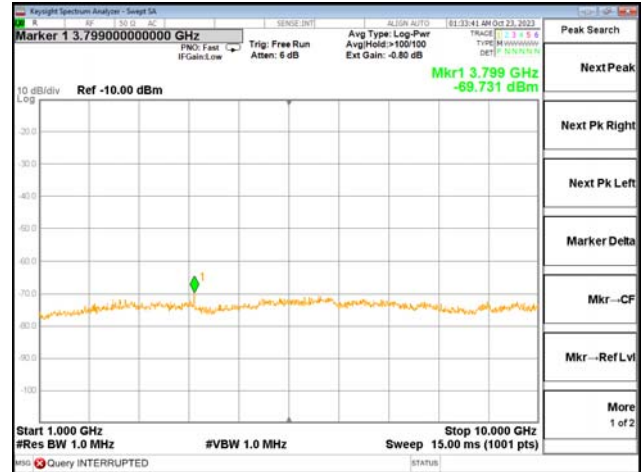
Secondary emitted radio wave strength

ANT 1
Ch.100: 5 500MHz

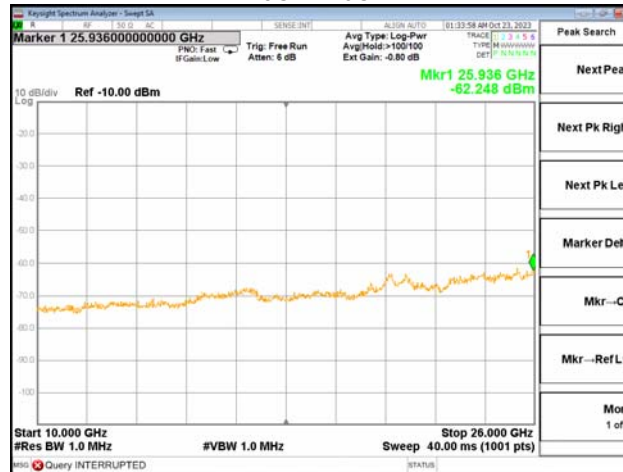
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



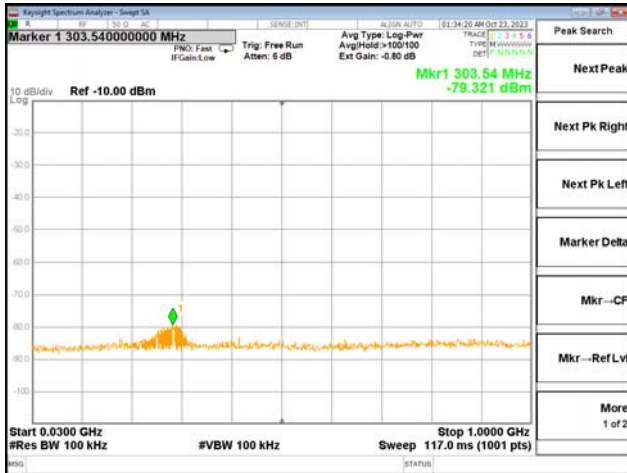


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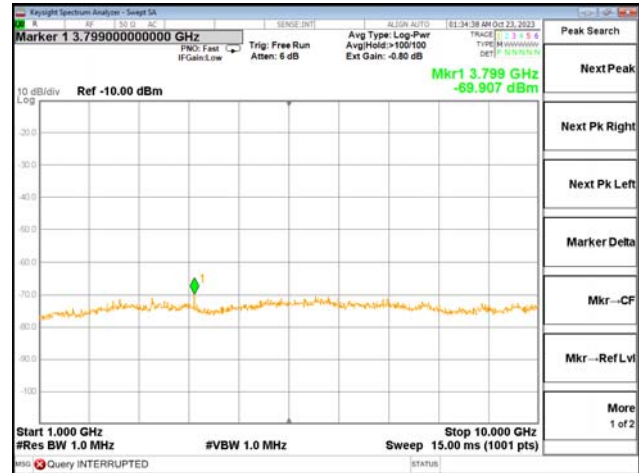
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Ch.120: 5 600MHz

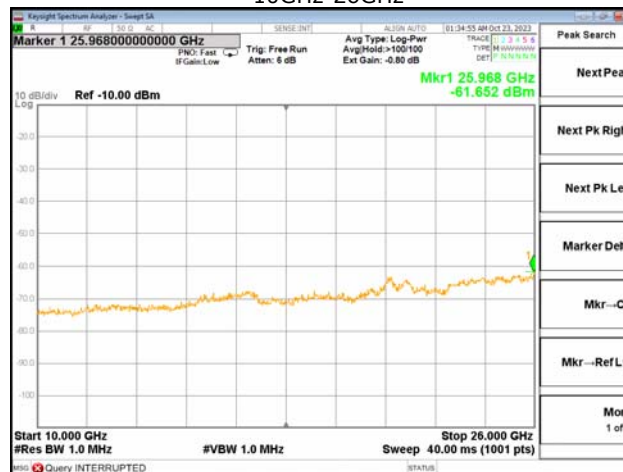
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



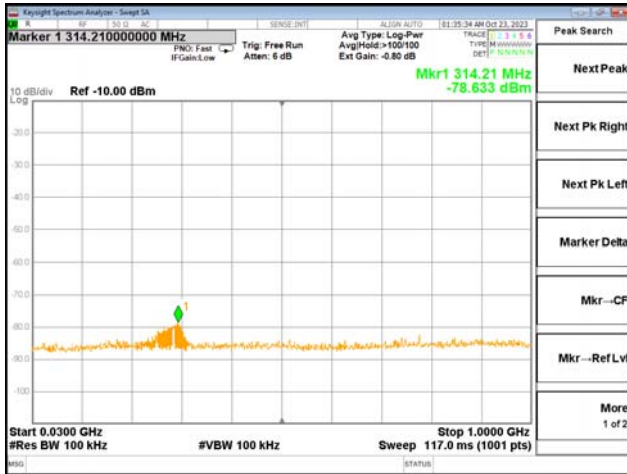


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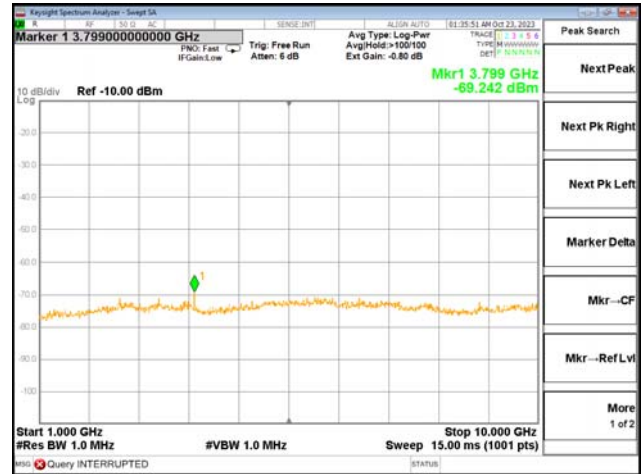
Report No.:
CTK-2023-02393
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Ch.140: 5 700MHz

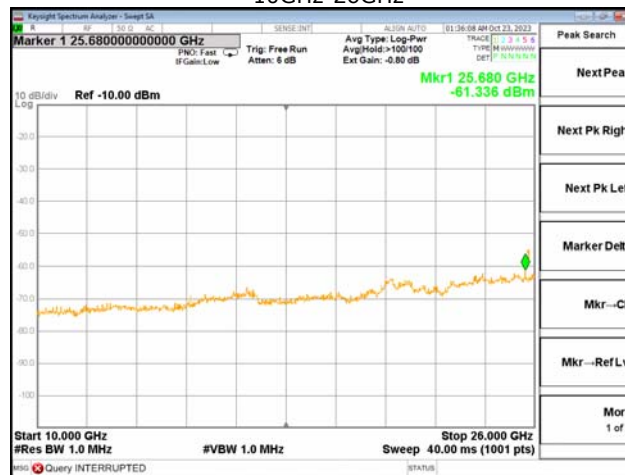
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



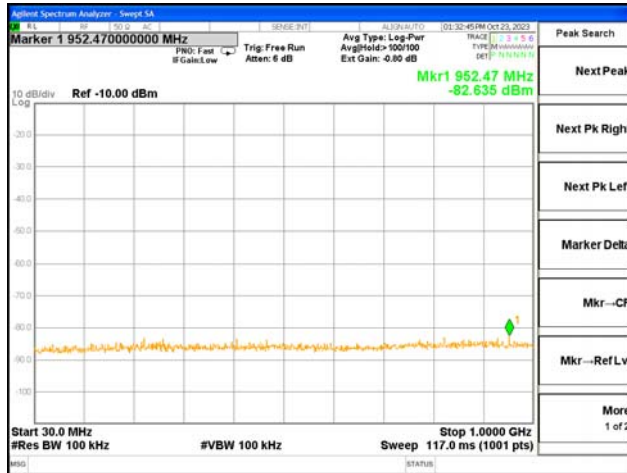


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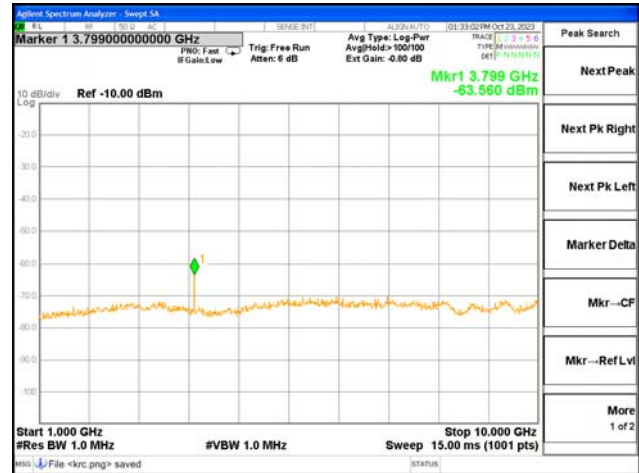
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ANT 2
Ch.100: 5 500MHz

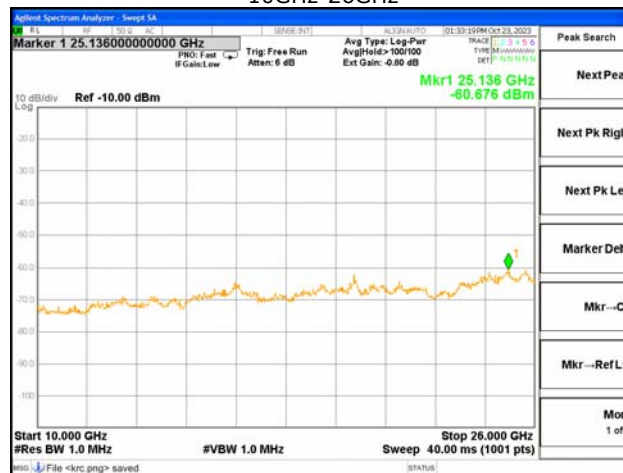
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



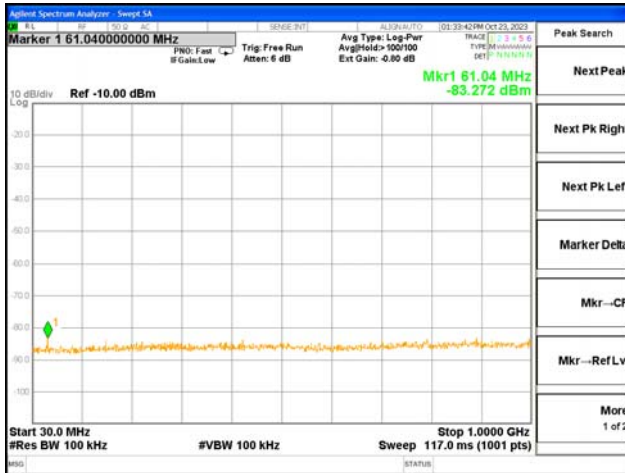


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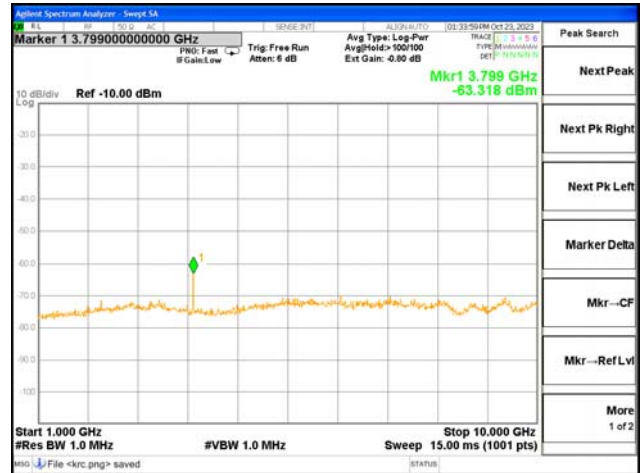
Report No.:
CTK-2023-02393
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Ch.120: 5 600MHz

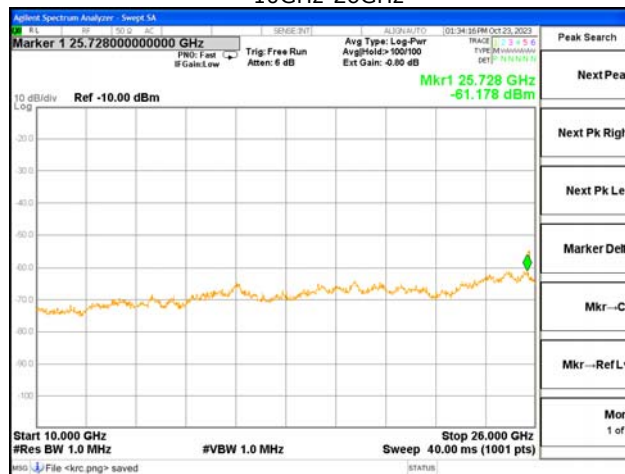
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz





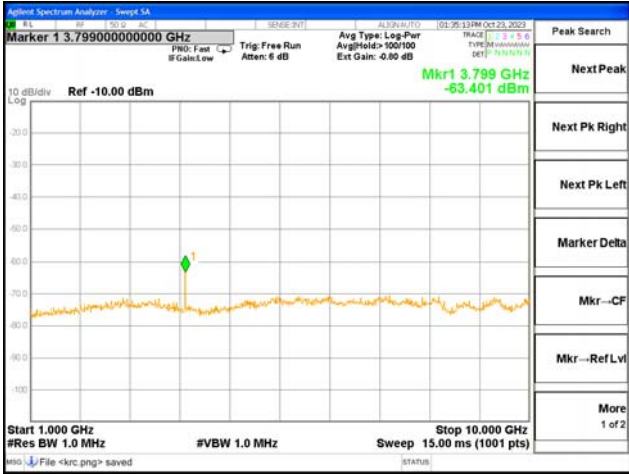
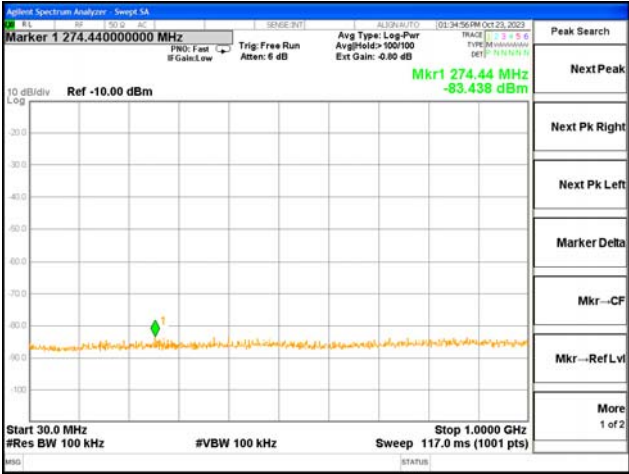
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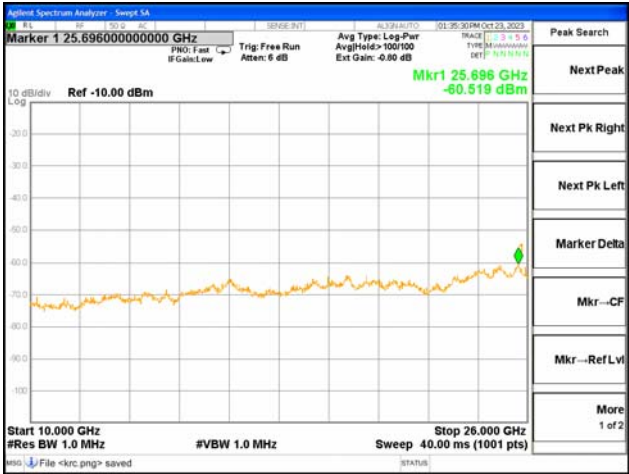
Ch.140: 5 700MHz

30MHz-1GHz

1GHz-10GHz



10GHz-26GHz



Burst length of transmitted signals

ANT 1



ANT 2

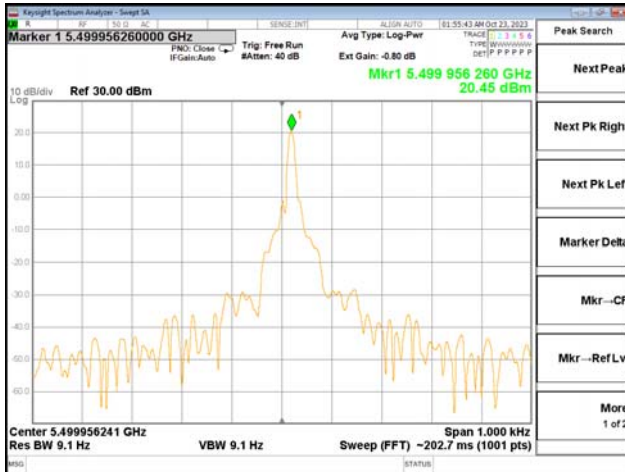


APPENDIX B – 802.11n_HT20 data

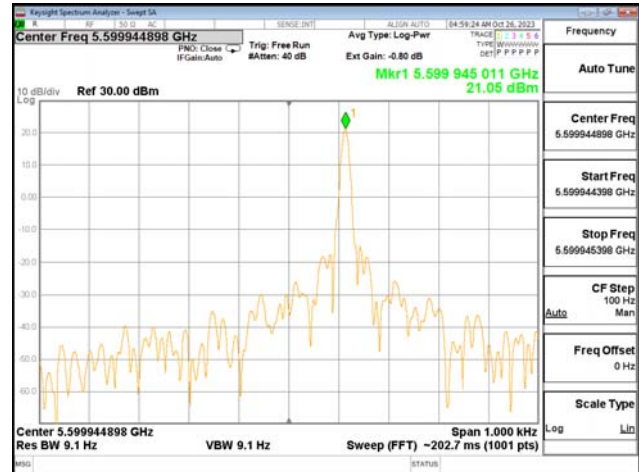
Frequency tolerance

ANT 1

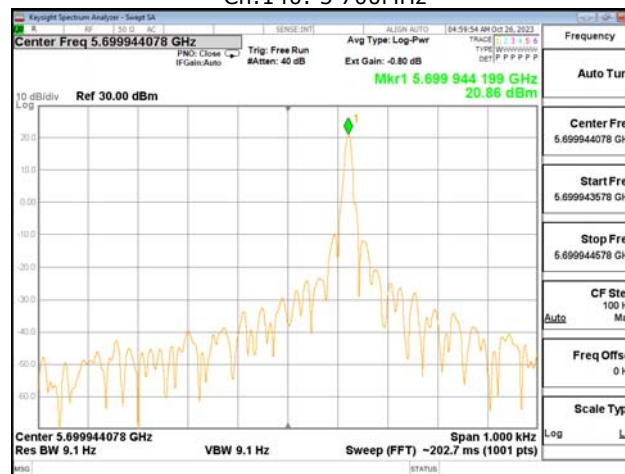
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz

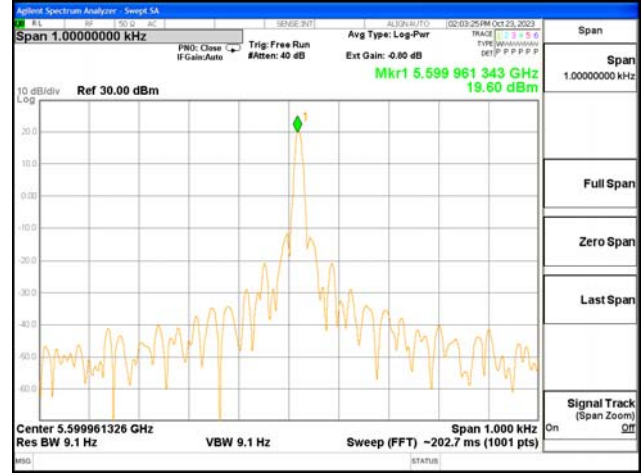


ANT 2

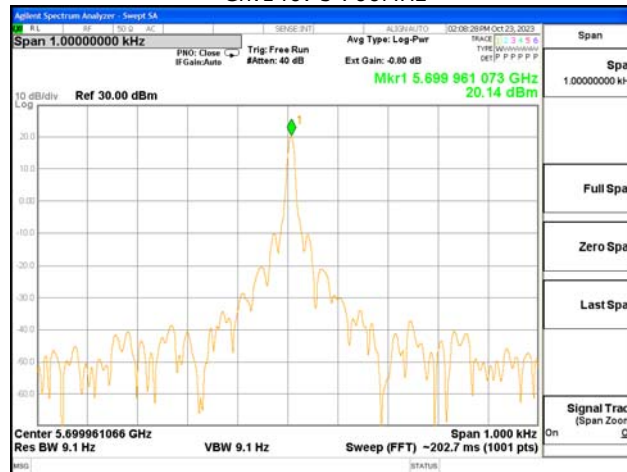
Ch.100: 5 500MHz



Ch.120: 5 600MHz



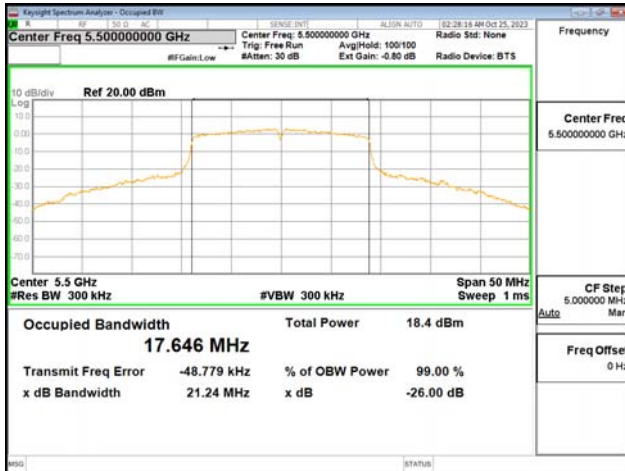
Ch.140: 5 700MHz



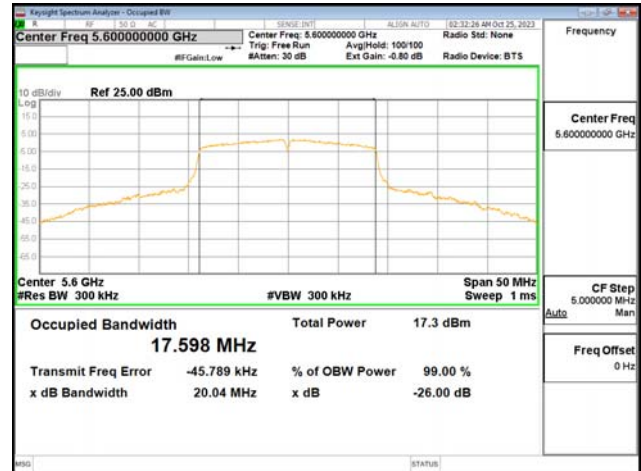
Occupied bandwidth

ANT 1

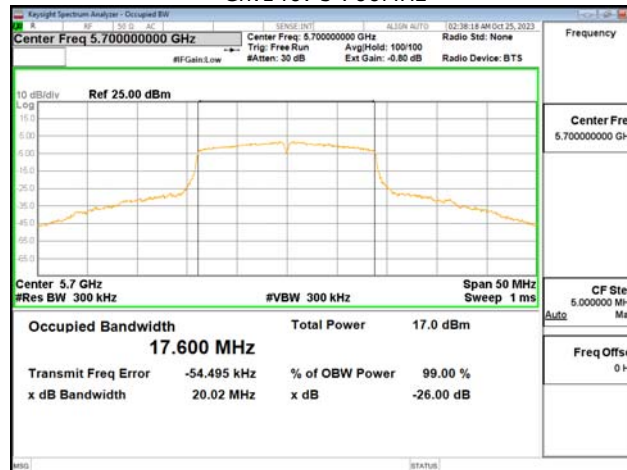
Ch.100: 5 500MHz



Ch.120: 5 600MHz

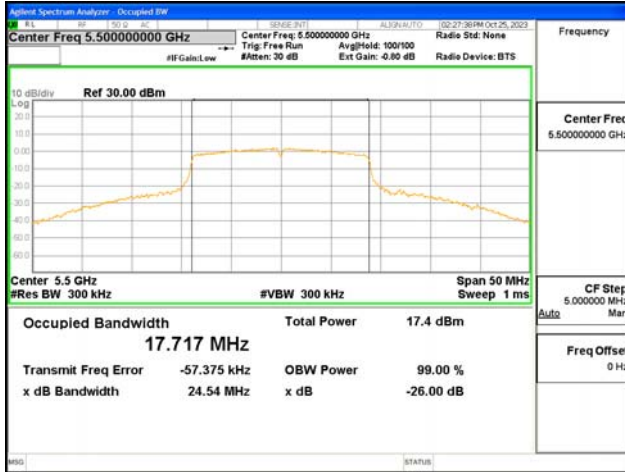


Ch.140: 5 700MHz

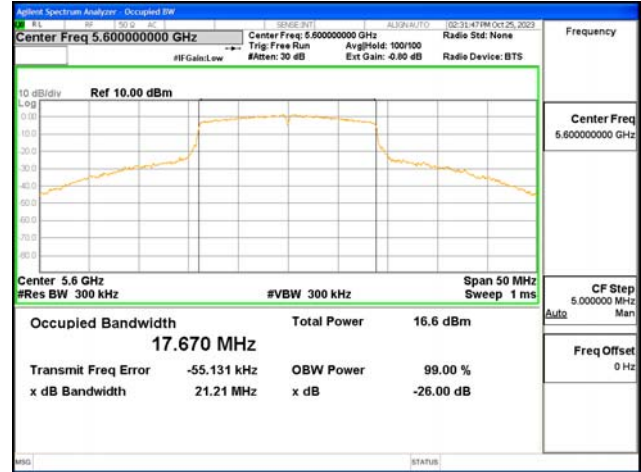


ANT 2

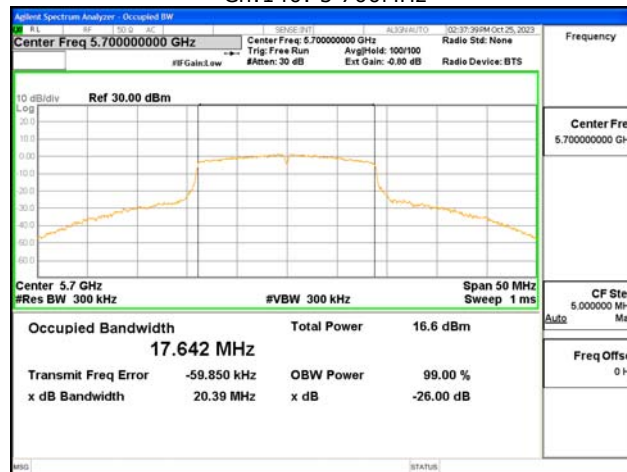
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



RF output power

ANT 1

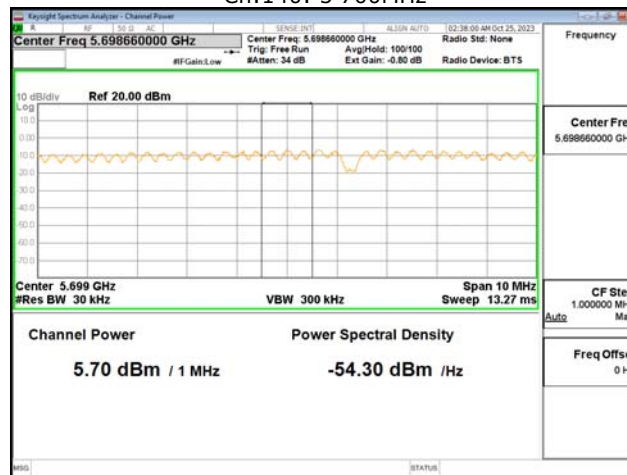
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



ANT 2

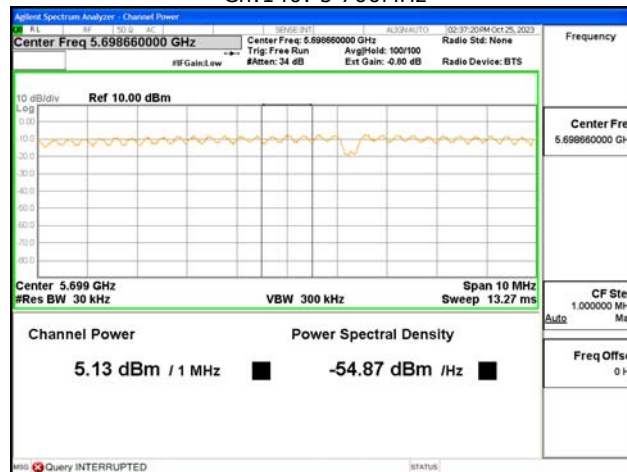
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



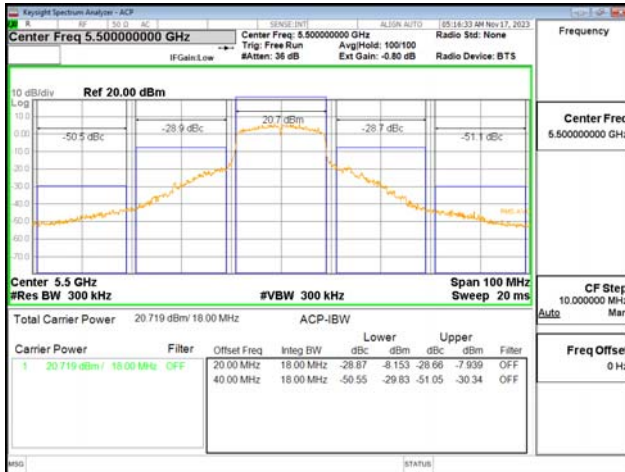
ON/OFF time



Adjacent Channel Leakage Power

ANT 1

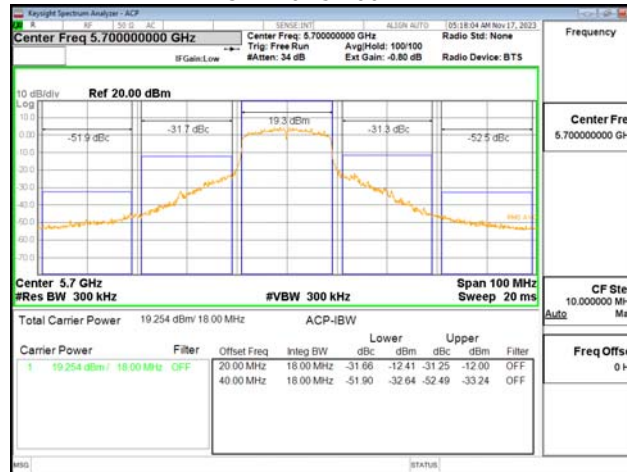
Ch.100: 5 500MHz



Ch.120: 5 600MHz

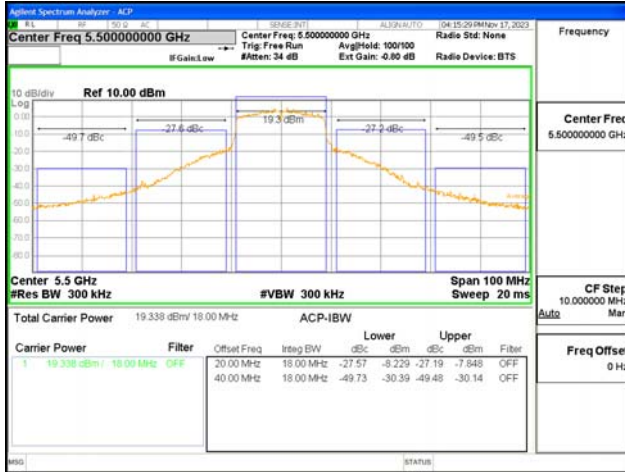


Ch.140: 5 700MHz

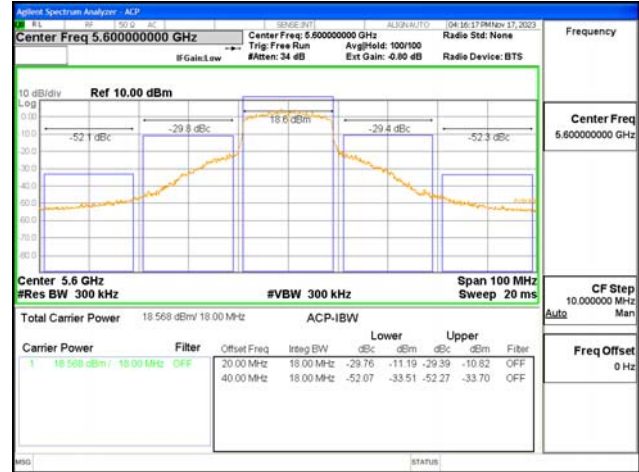


ANT 2

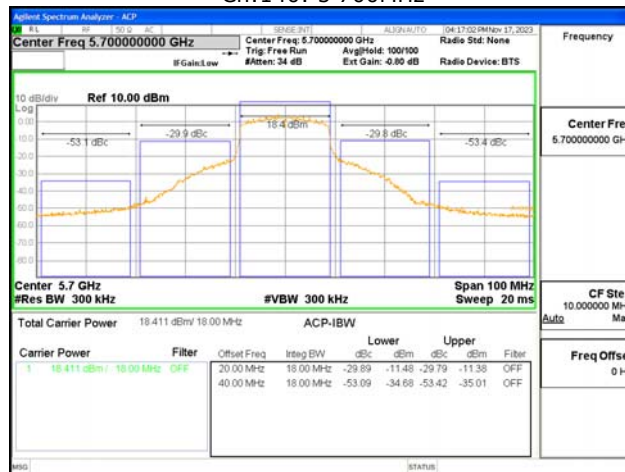
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



Unwanted(Spurious) emissions

ANT 1

Ch.100: 5 500MHz

30MHz-5460MHz

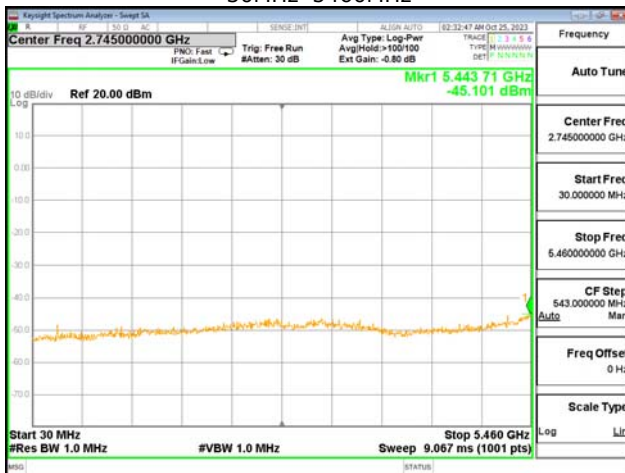


5765MHz-26GHz



Ch.120: 5 600MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.140: 5 700MHz

30MHz-5460MHz



5765MHz-26GHz



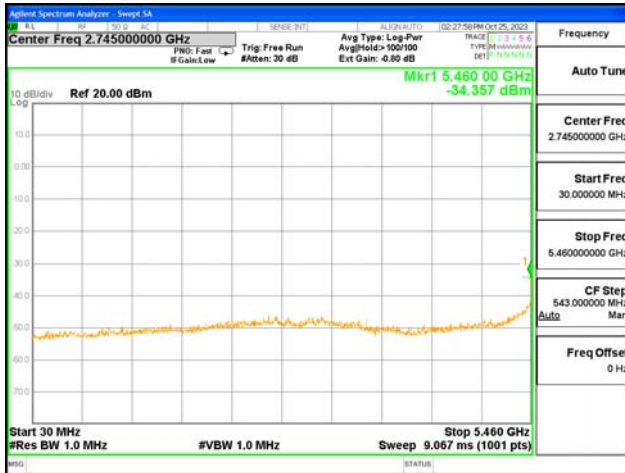


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ANT 2
Ch.100: 5 500MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.120: 5 600MHz

30MHz-5460MHz

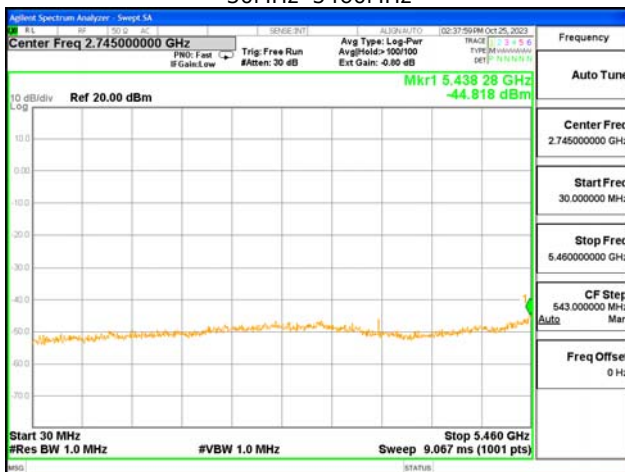


5765MHz-26GHz



Ch.140: 5 700MHz

30MHz-5460MHz



5765MHz-26GHz



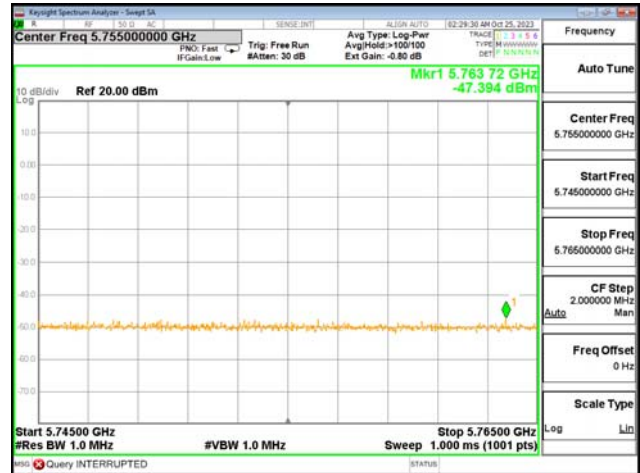
Out-band leakage power ANT 1

Ch.100: 5 500MHz

5460MHz-5470MHz

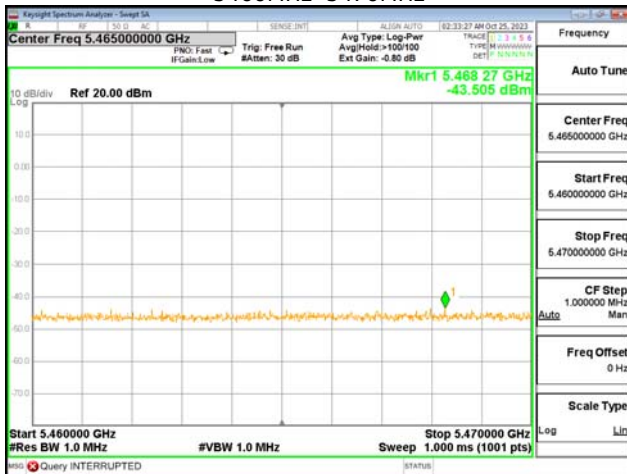


5745MHz-5765MHz

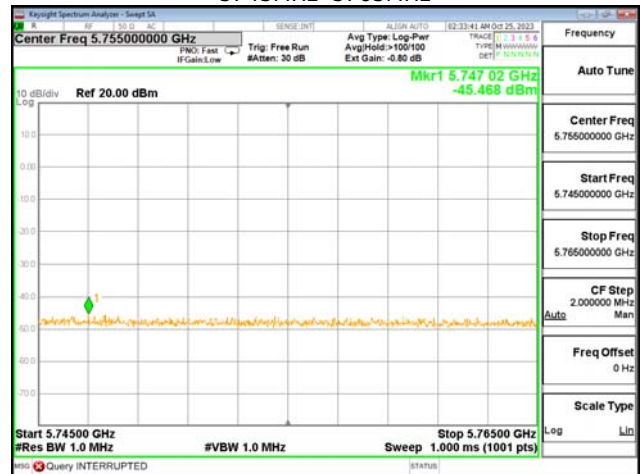


Ch.120: 5 600MHz

5460MHz-5470MHz

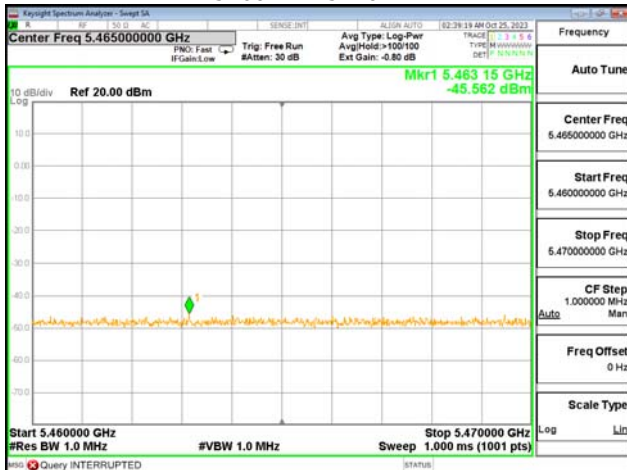


5745MHz-5765MHz

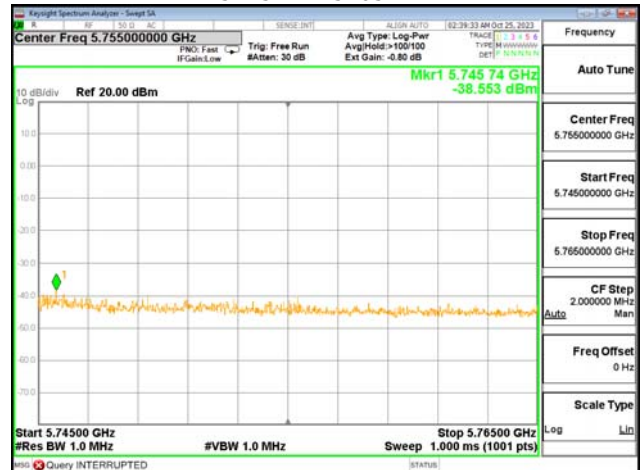


Ch.140: 5 700MHz

5460MHz-5470MHz

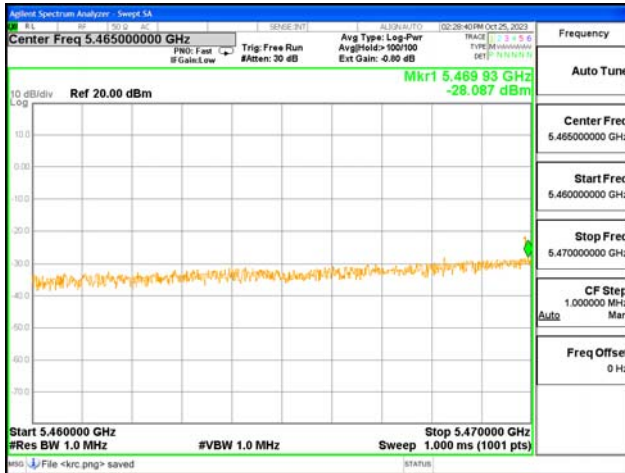


5745MHz-5765MHz

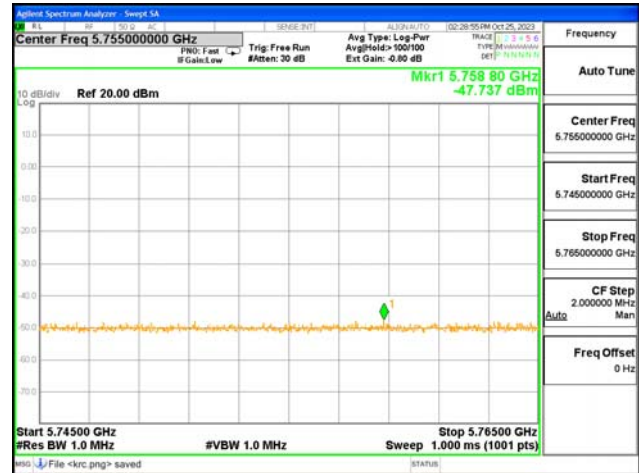


ANT 2
Ch.100: 5 500MHz

5460MHz-5470MHz

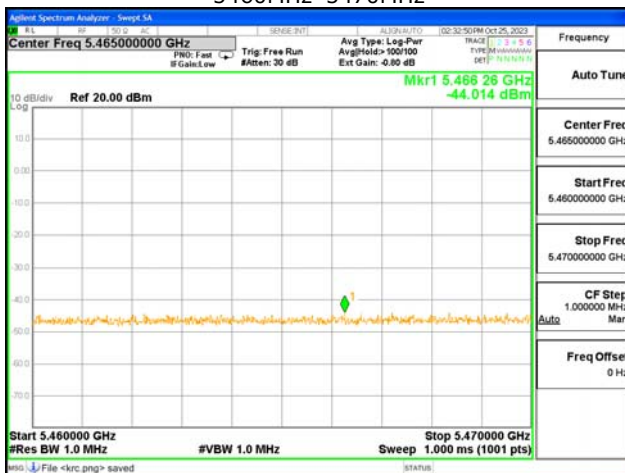


5745MHz-5765MHz

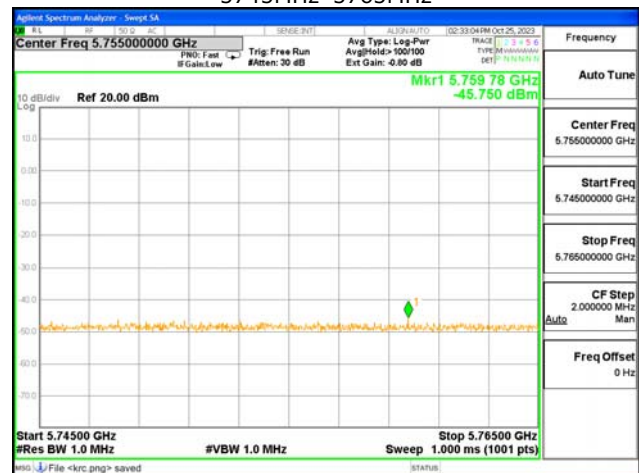


Ch.120: 5 600MHz

5460MHz-5470MHz

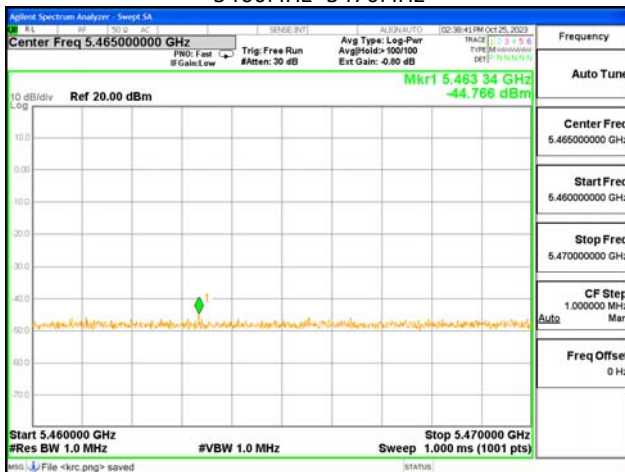


5745MHz-5765MHz

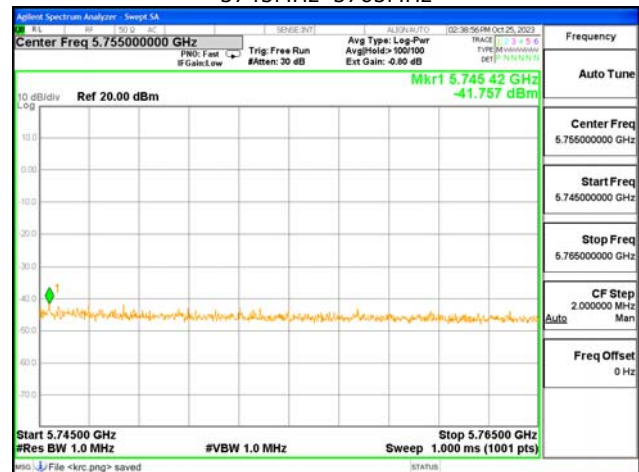


Ch.140: 5 700MHz

5460MHz-5470MHz



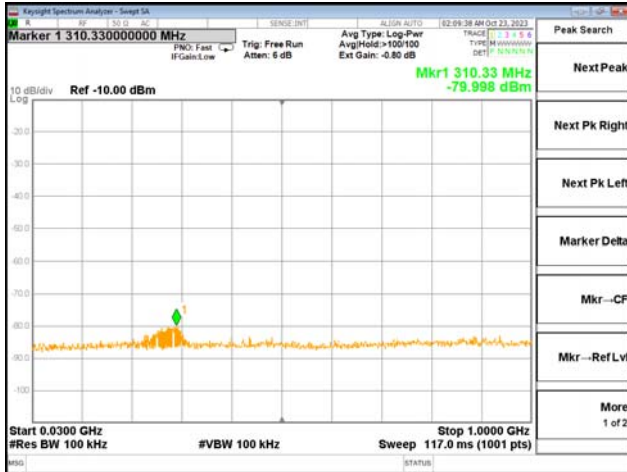
5745MHz-5765MHz



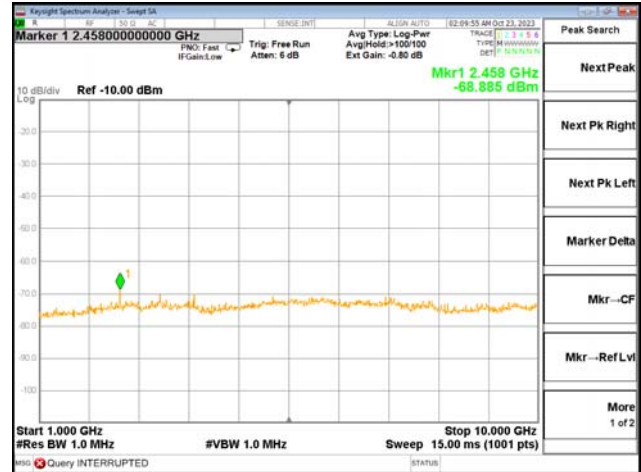
Secondary emitted radio wave strength

ANT 1
Ch.100: 5 500MHz

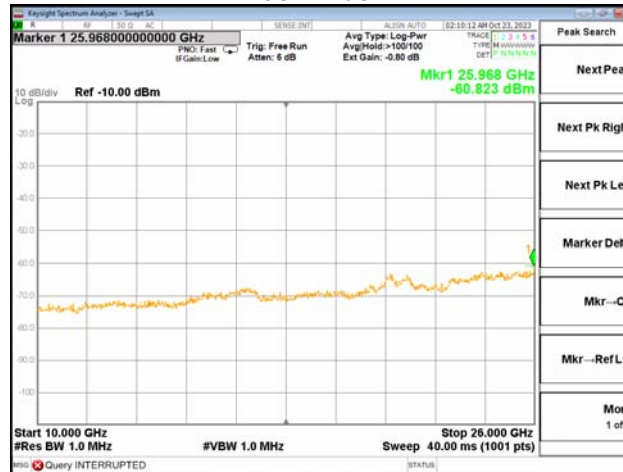
30MHz-1GHz



1GHz-10GHz

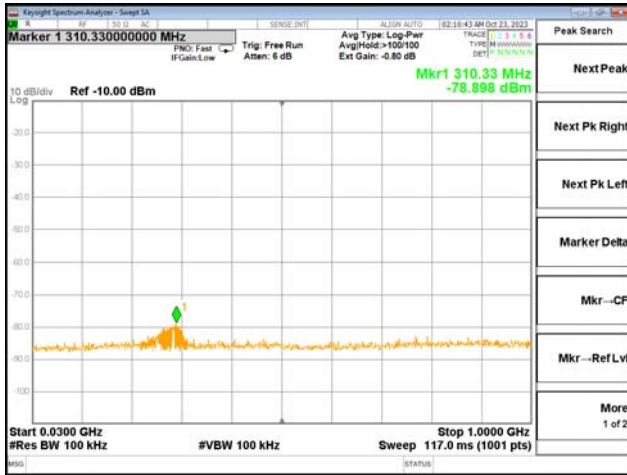


10GHz-26GHz

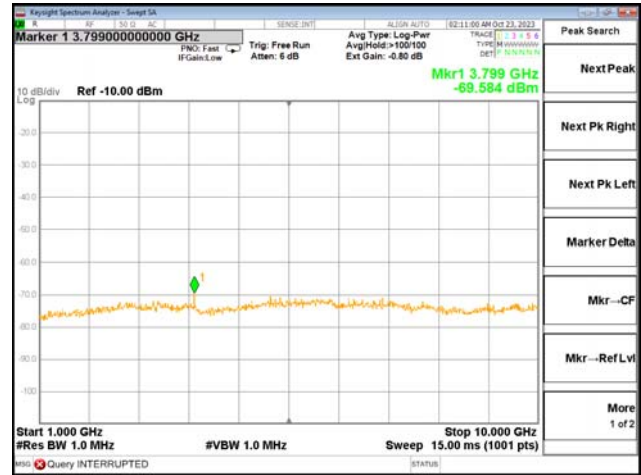


Ch.120: 5 600MHz

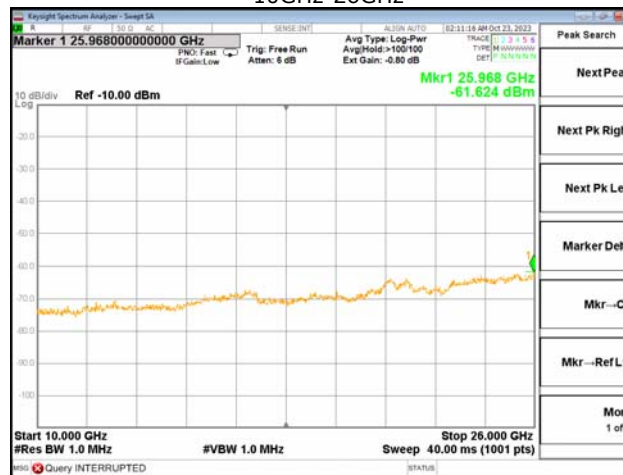
30MHz-1GHz



1GHz-10GHz

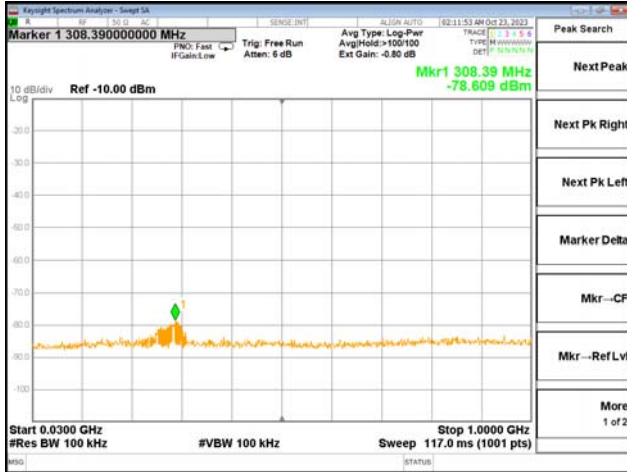


10GHz-26GHz

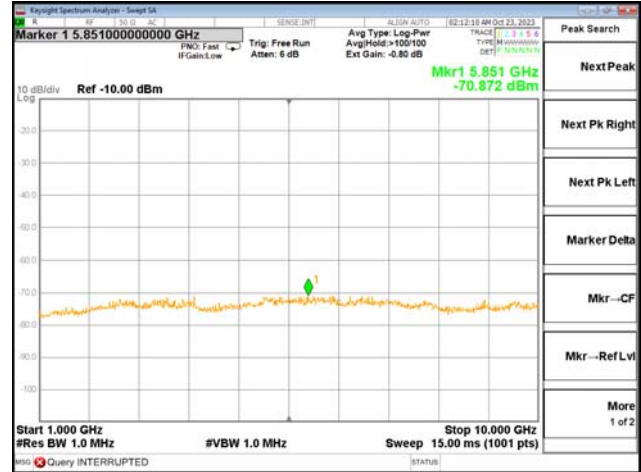


Ch.140: 5 700MHz

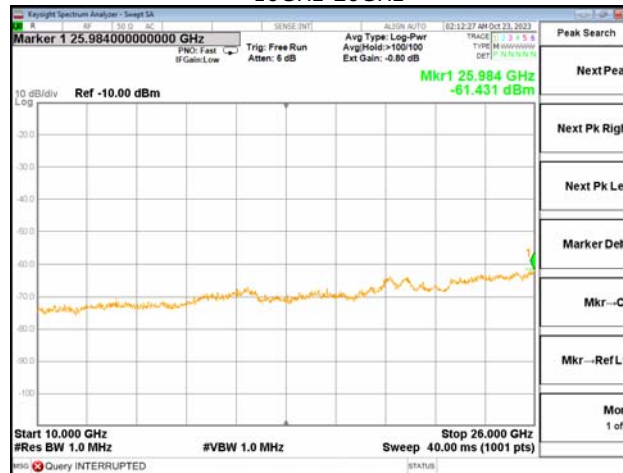
30MHz-1GHz



1GHz-10GHz

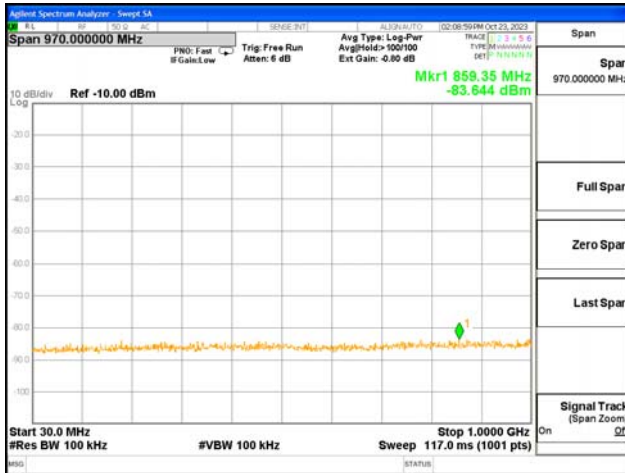


10GHz-26GHz

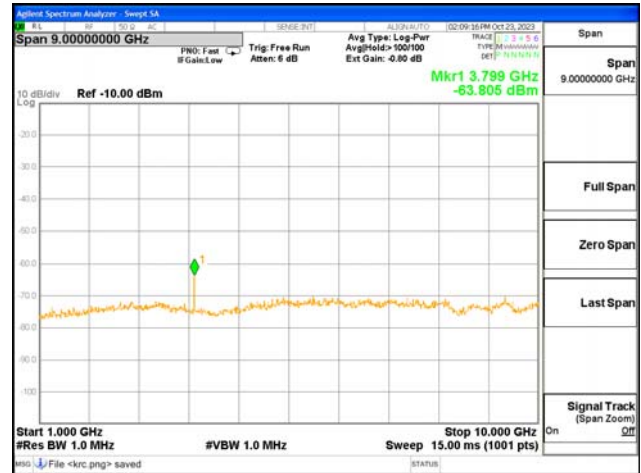


ANT 2
Ch.100: 5 500MHz

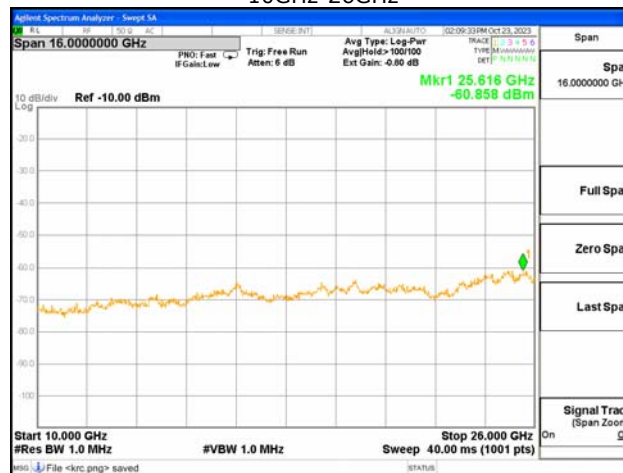
30MHz-1GHz



1GHz-10GHz

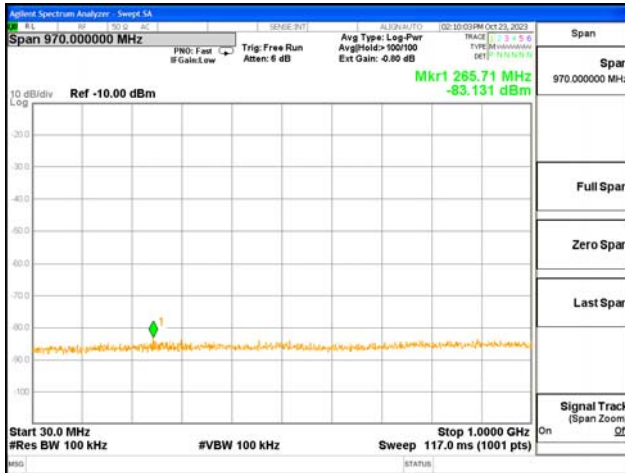


10GHz-26GHz

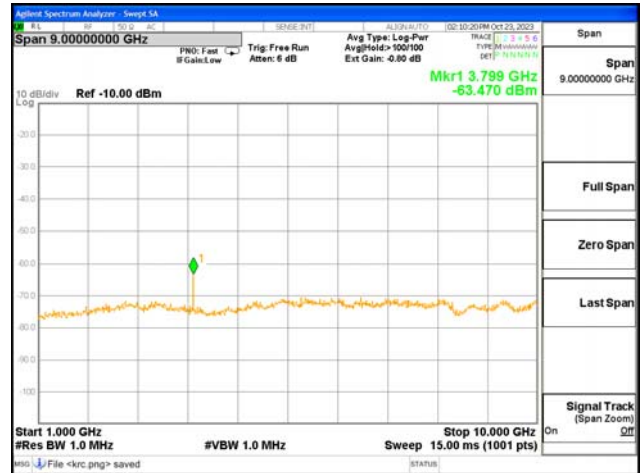


Ch.120: 5 600MHz

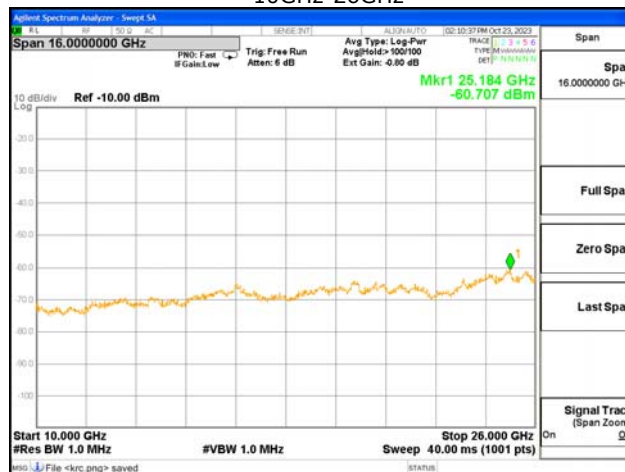
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



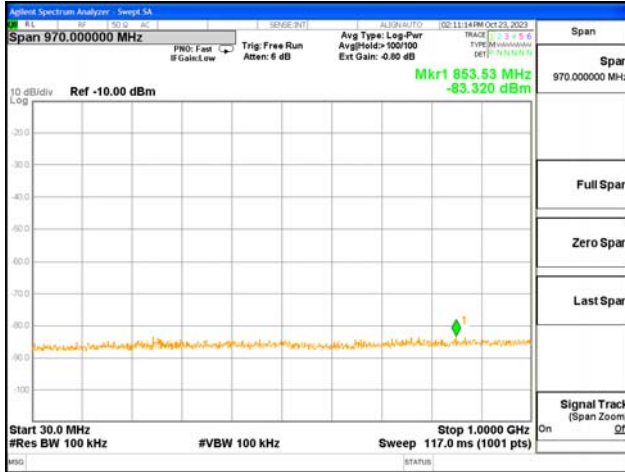


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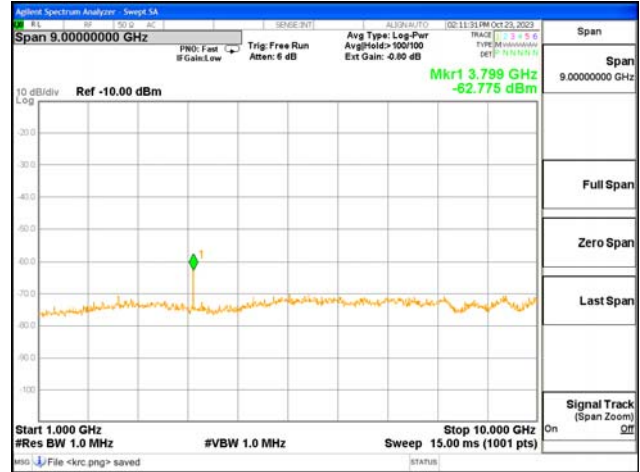
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Ch.140: 5 700MHz

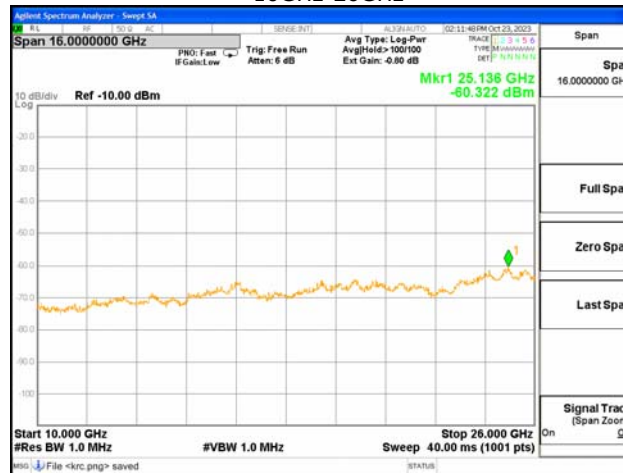
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



Burst length of transmitted signals

ANT 1



ANT 2

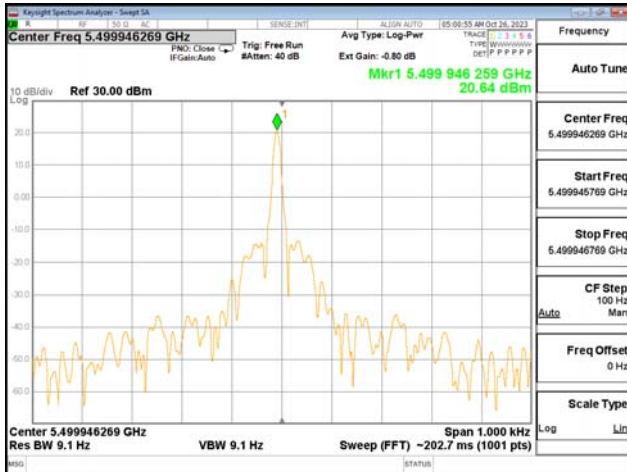


APPENDIX C – 802.11ac_VHT20 data

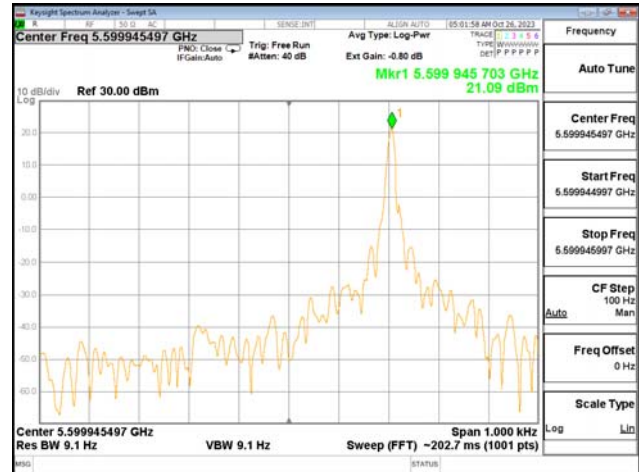
Frequency tolerance

ANT 1

Ch.100: 5 500MHz



Ch.120: 5 600MHz

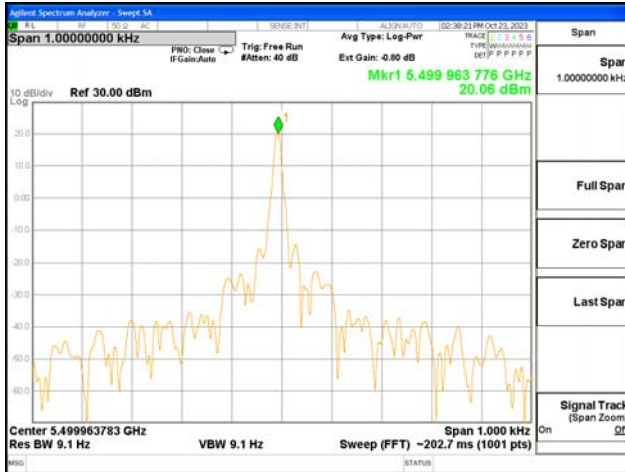


Ch.140: 5 700MHz

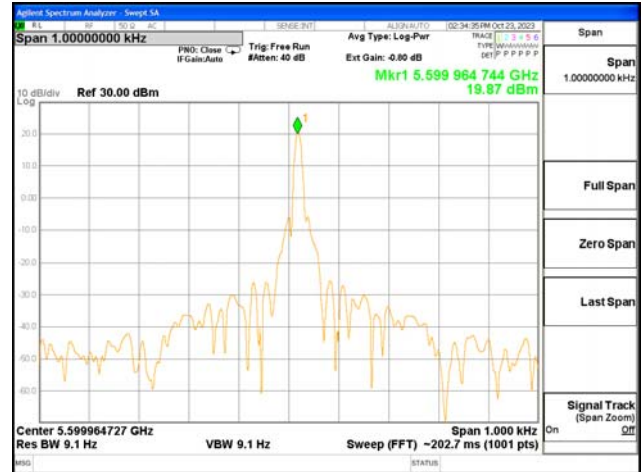


ANT 2

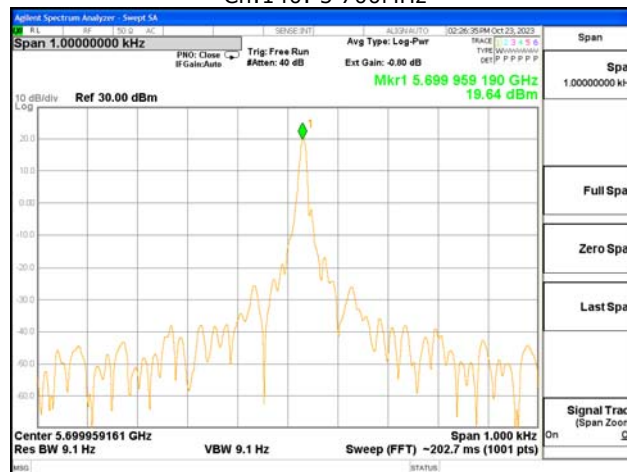
Ch.100: 5 500MHz



Ch.120: 5 600MHz



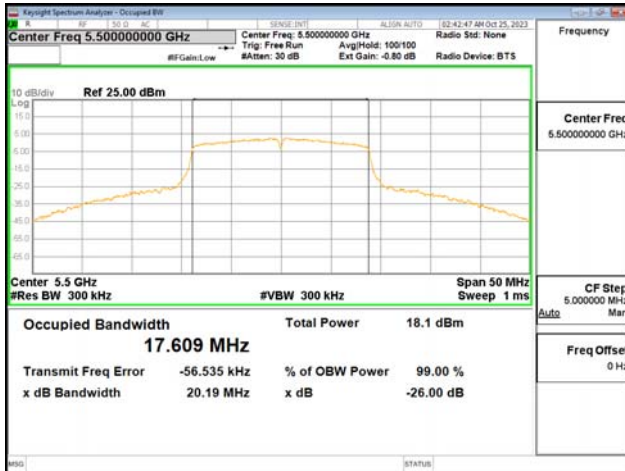
Ch.140: 5 700MHz



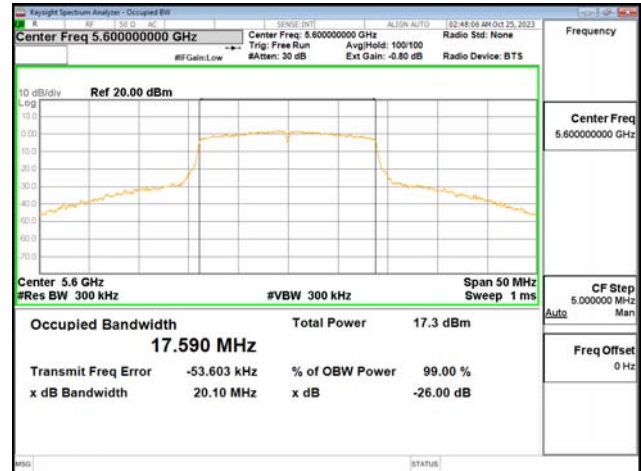
Occupied bandwidth

ANT 1

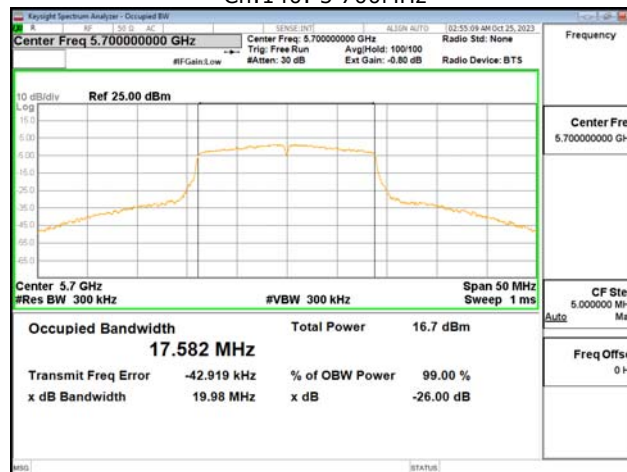
Ch.100: 5 500MHz



Ch.120: 5 600MHz

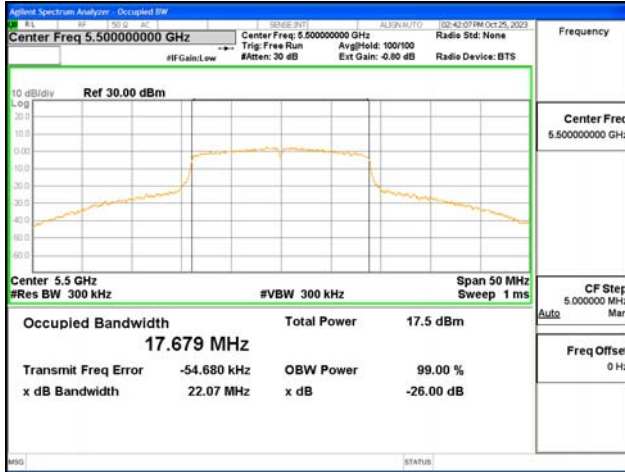


Ch.140: 5 700MHz

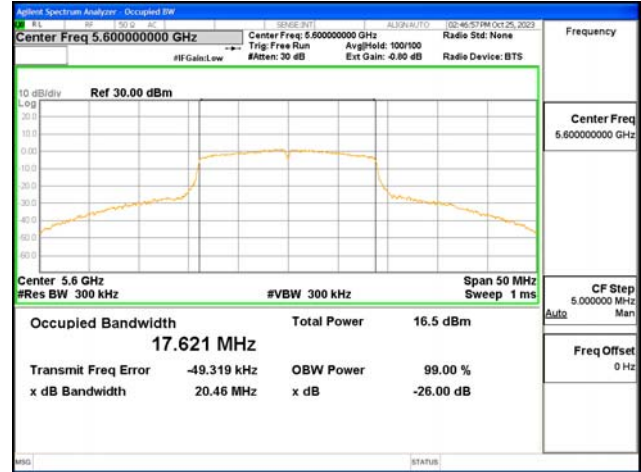


ANT 2

Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



RF output power

ANT 1

Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



ANT 2

Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



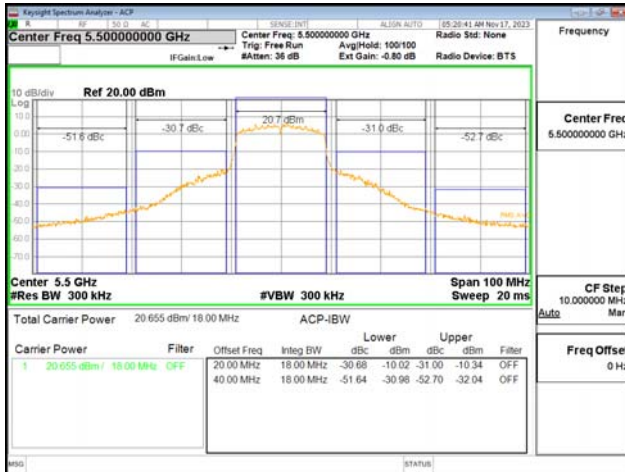
ON/OFF time



Adjacent Channel Leakage Power

ANT 1

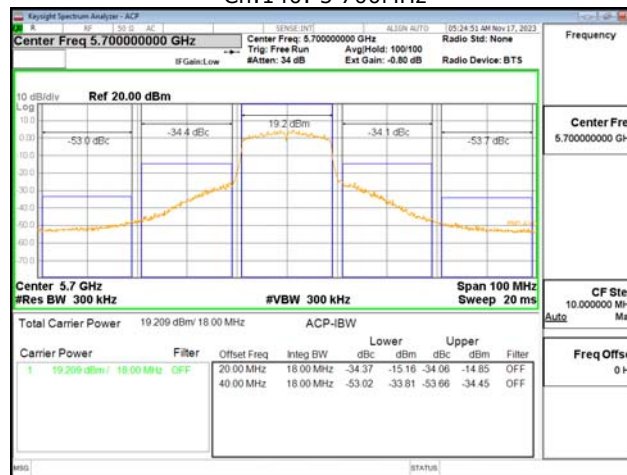
Ch.100: 5 500MHz



Ch.120: 5 600MHz

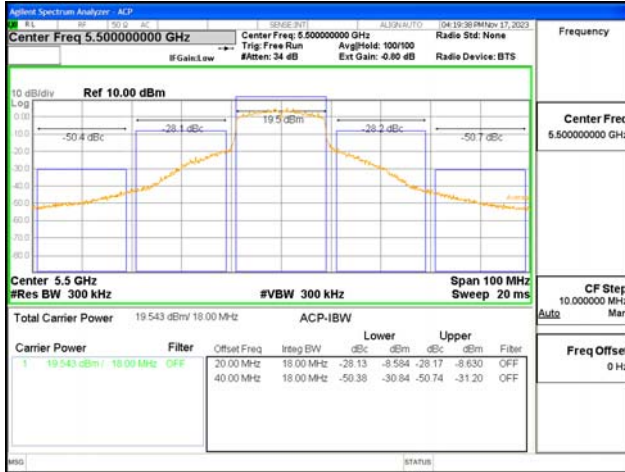


Ch.140: 5 700MHz

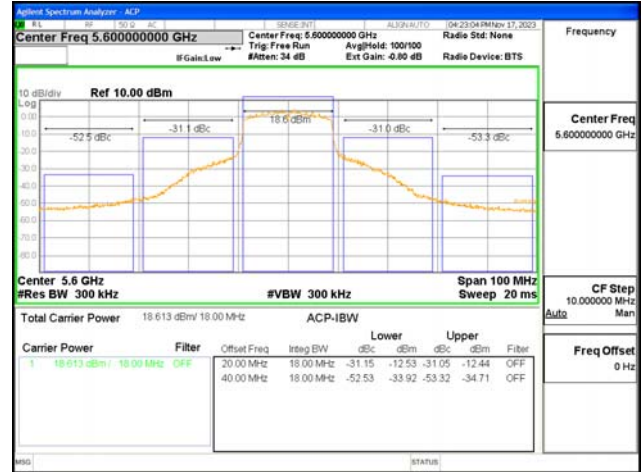


ANT 2

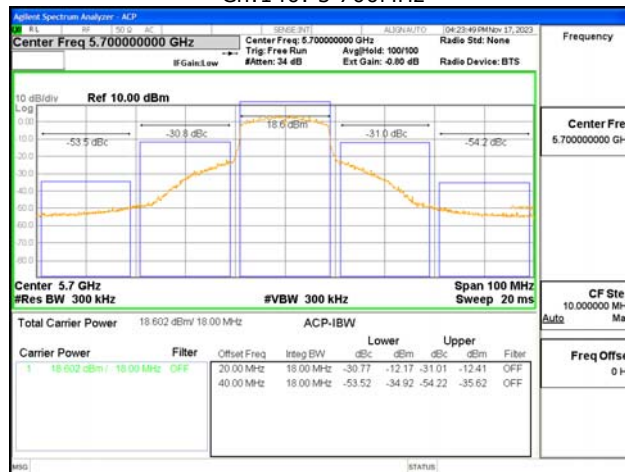
Ch.100: 5 500MHz



Ch.120: 5 600MHz



Ch.140: 5 700MHz



Unwanted(Spurious) emissions

ANT 1

Ch.100: 5 500MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.120: 5 600MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.140: 5 700MHz

30MHz-5460MHz



5765MHz-26GHz



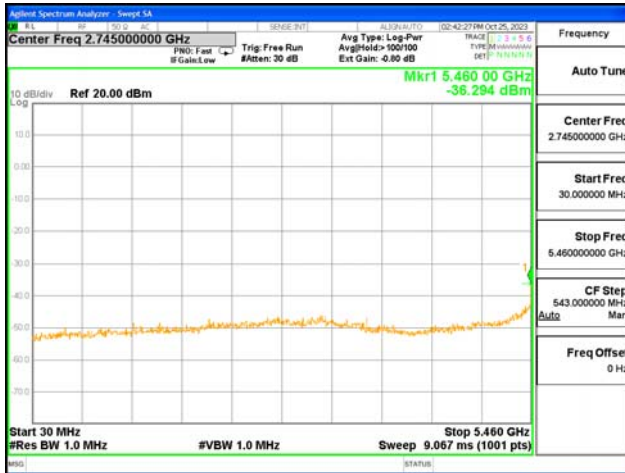


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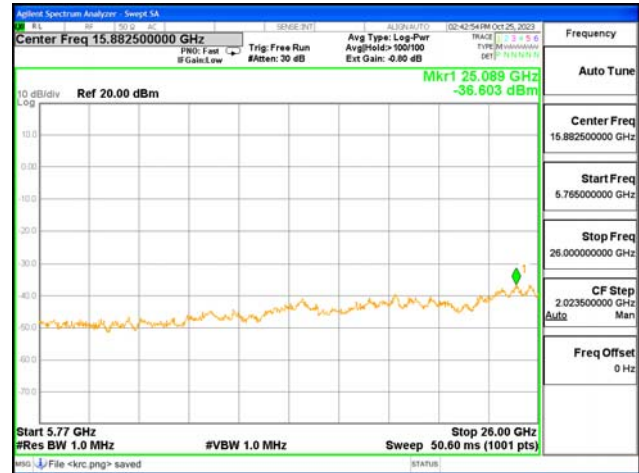
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ANT 2
Ch.100: 5 500MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.120: 5 600MHz

30MHz-5460MHz



5765MHz-26GHz



Ch.140: 5 700MHz

30MHz-5460MHz



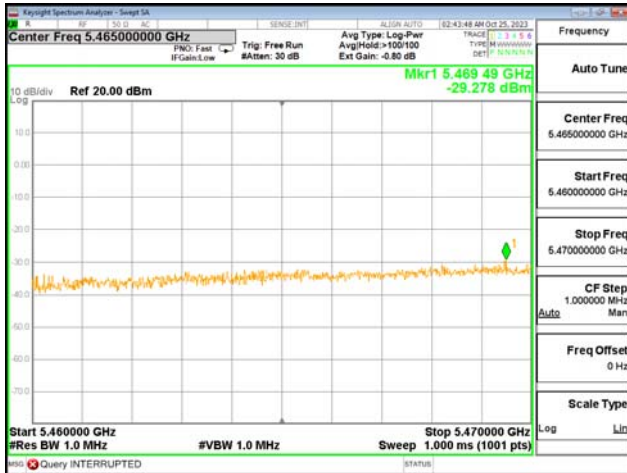
5765MHz-26GHz



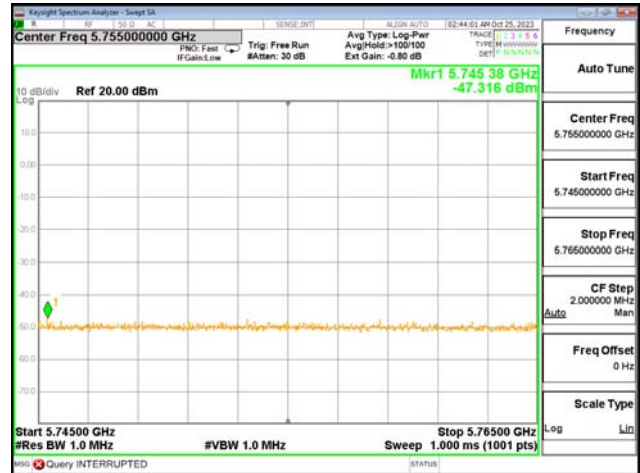
Out-band leakage power ANT 1

Ch.100: 5 500MHz

5460MHz-5470MHz

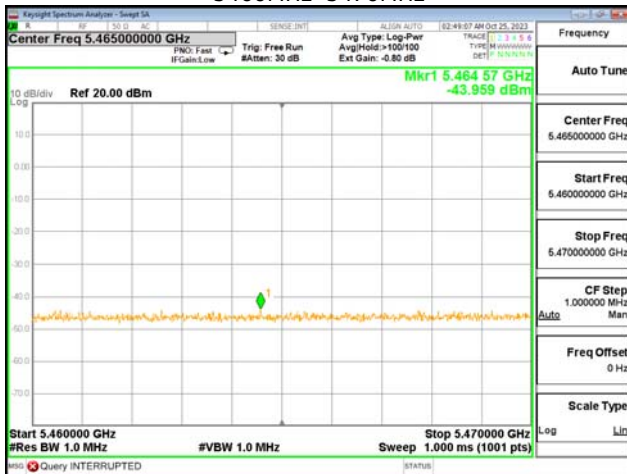


5745MHz-5765MHz

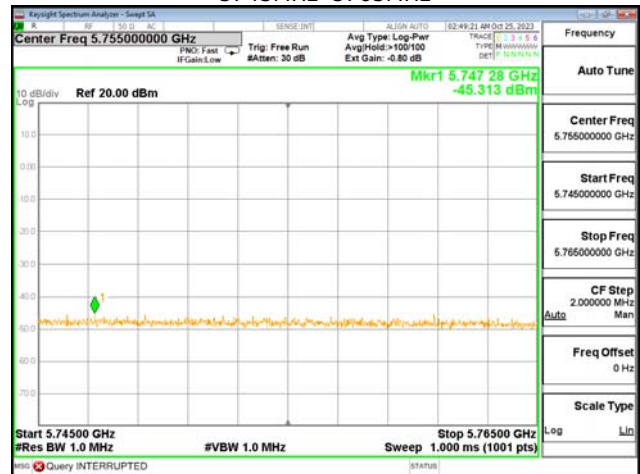


Ch.120: 5 600MHz

5460MHz-5470MHz

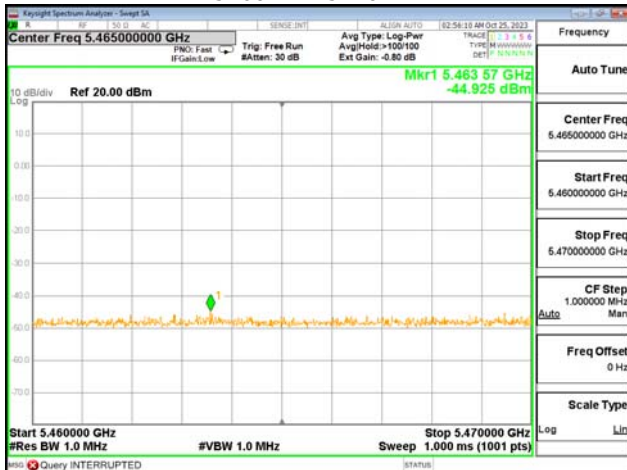


5745MHz-5765MHz

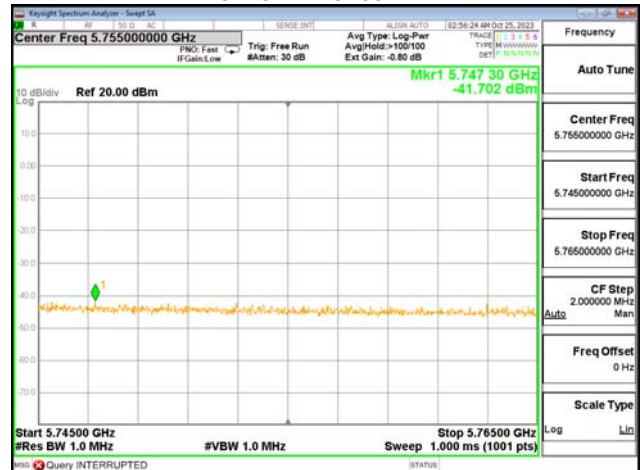


Ch.140: 5 700MHz

5460MHz-5470MHz



5745MHz-5765MHz



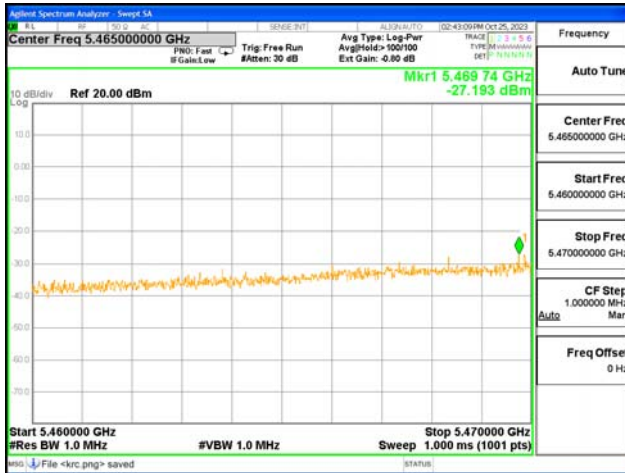


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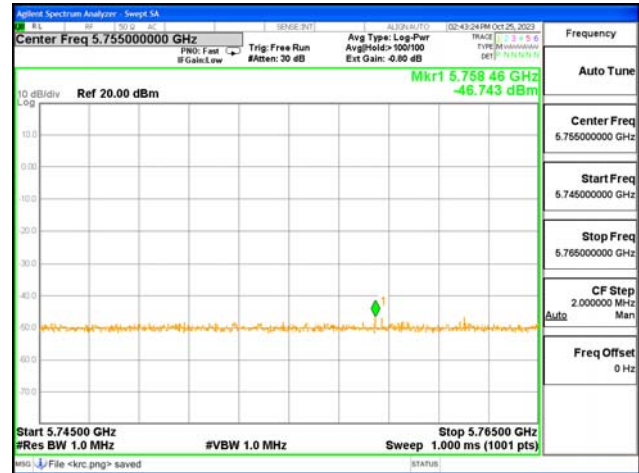
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ANT 2
Ch.100: 5 500MHz

5460MHz-5470MHz

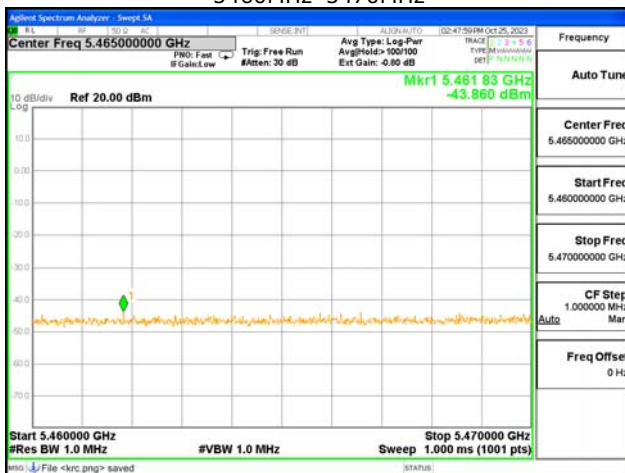


5745MHz-5765MHz

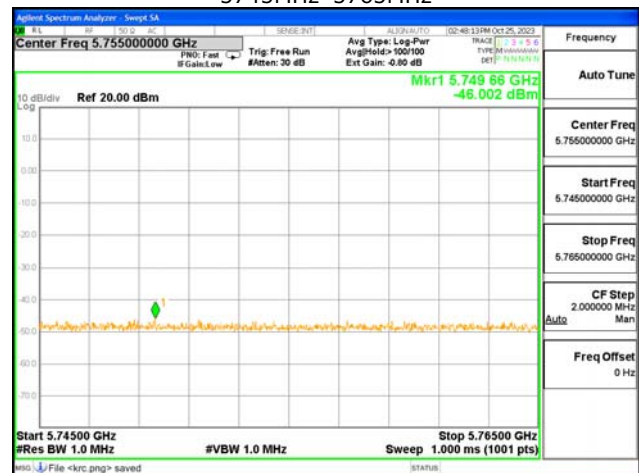


Ch.120: 5 600MHz

5460MHz-5470MHz

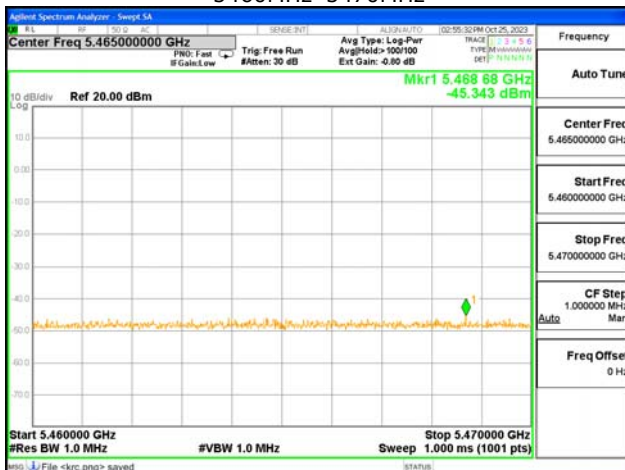


5745MHz-5765MHz

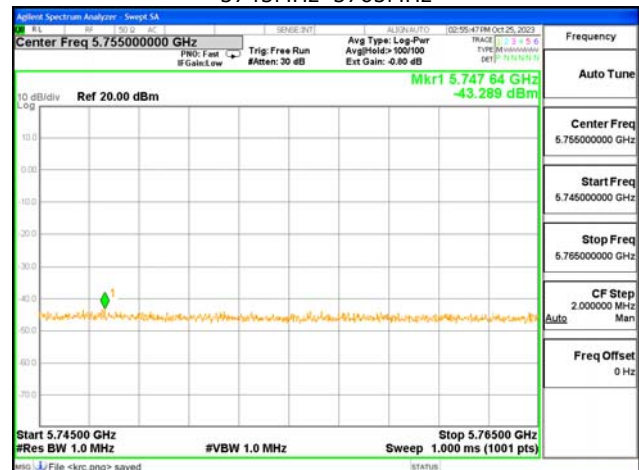


Ch.140: 5 700MHz

5460MHz-5470MHz



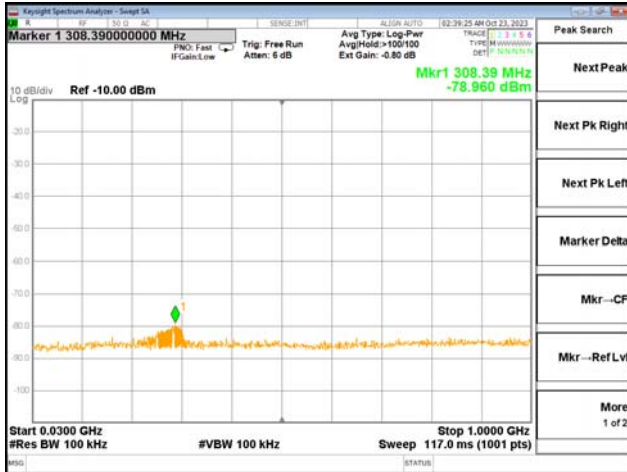
5745MHz-5765MHz



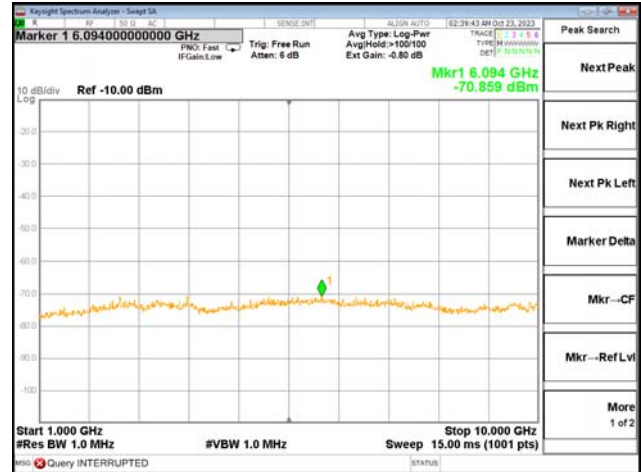
Secondary emitted radio wave strength

ANT 1
Ch.100: 5 500MHz

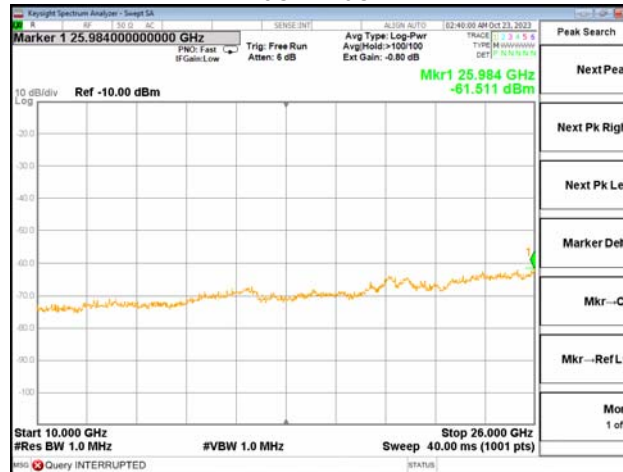
30MHz-1GHz



1GHz-10GHz

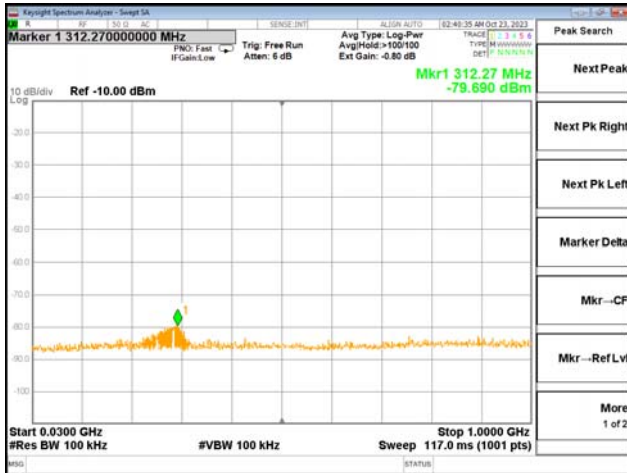


10GHz-26GHz

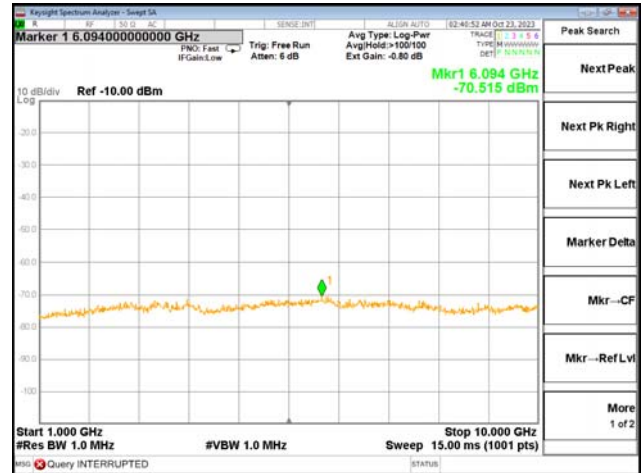


Ch.120: 5 600MHz

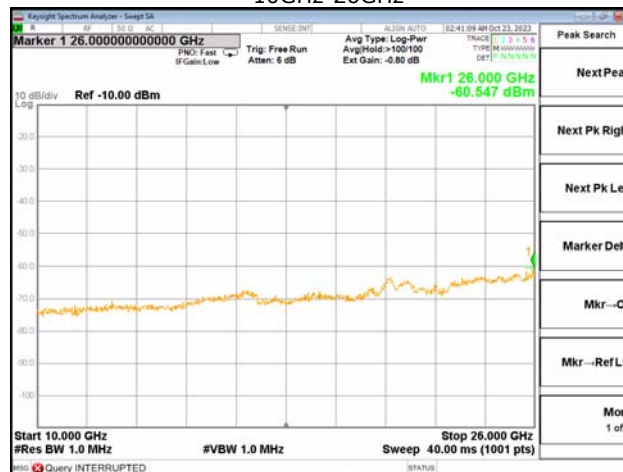
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



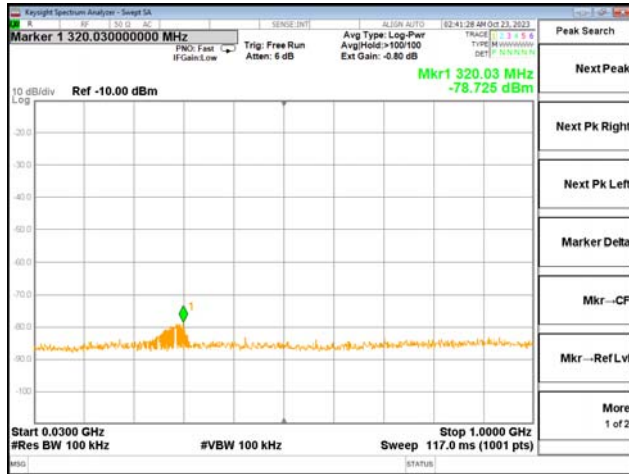


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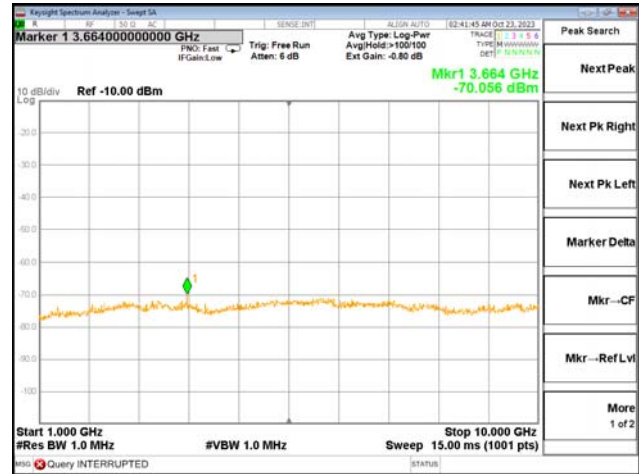
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Ch.140: 5 700MHz

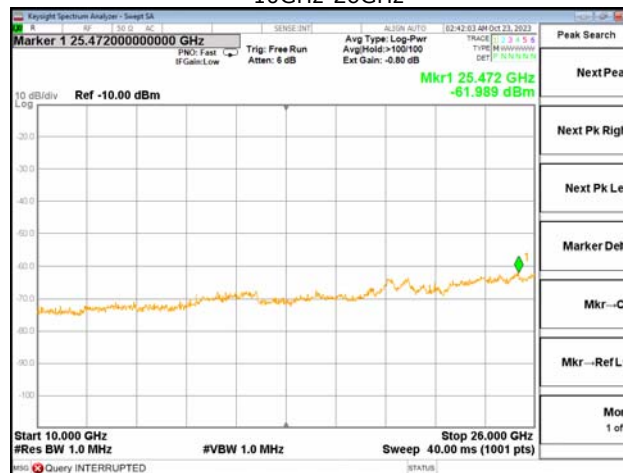
30MHz-1GHz



1GHz-10GHz

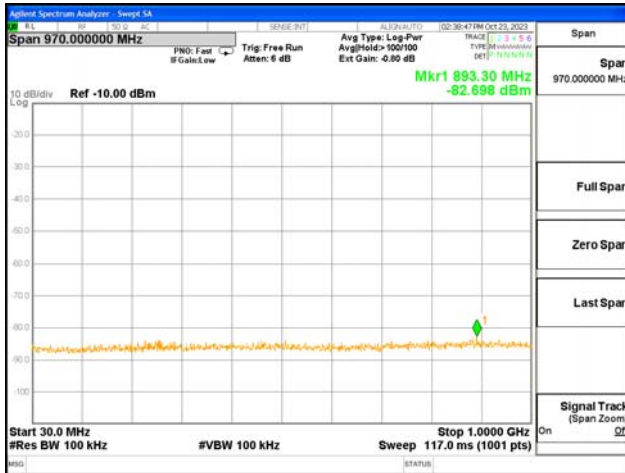


10GHz-26GHz

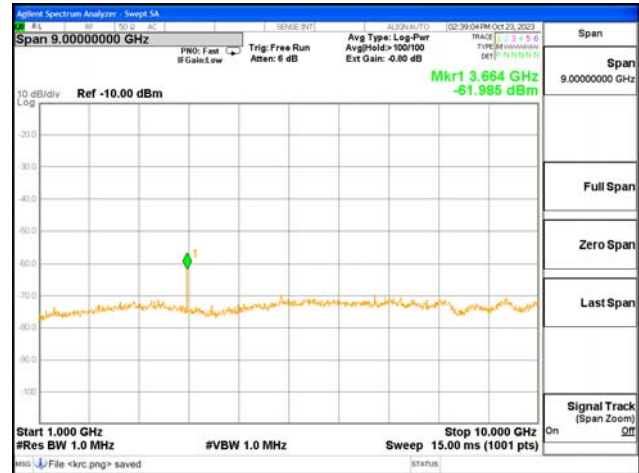


ANT 2
Ch.100: 5 500MHz

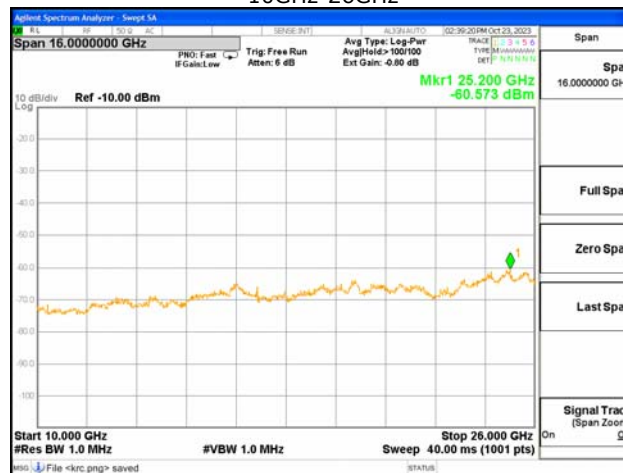
30MHz-1GHz



1GHz-10GHz

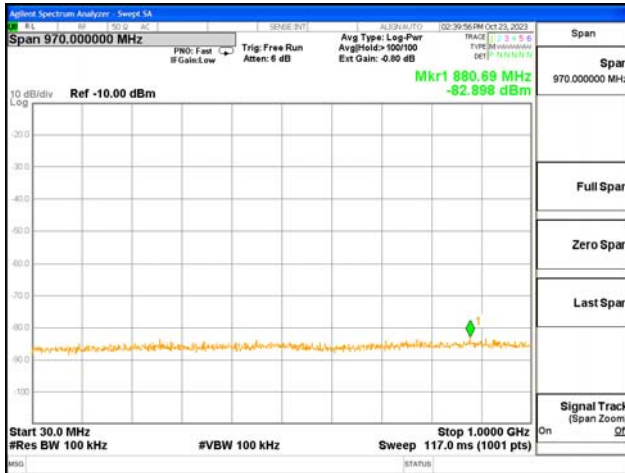


10GHz-26GHz

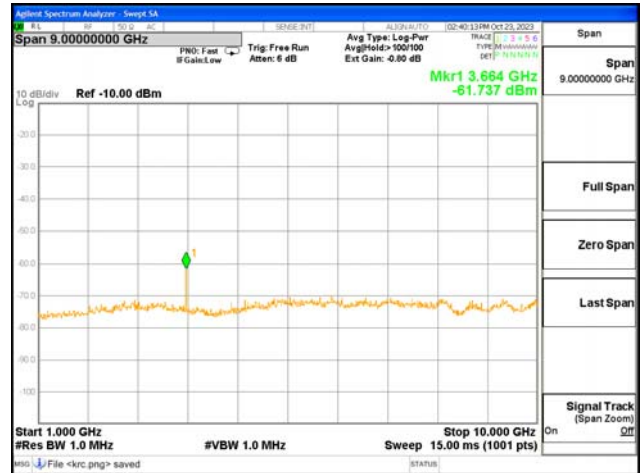


Ch.120: 5 600MHz

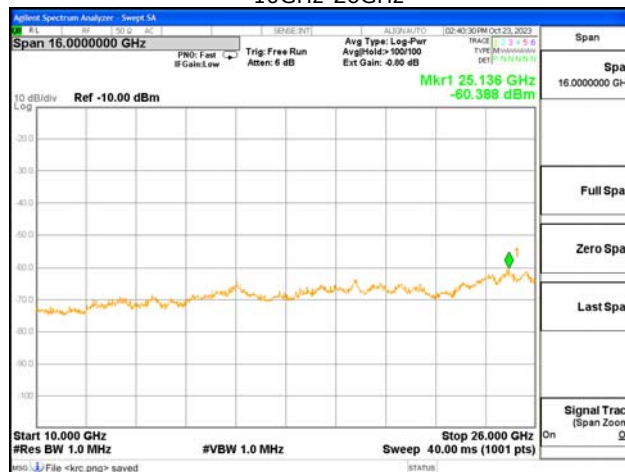
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



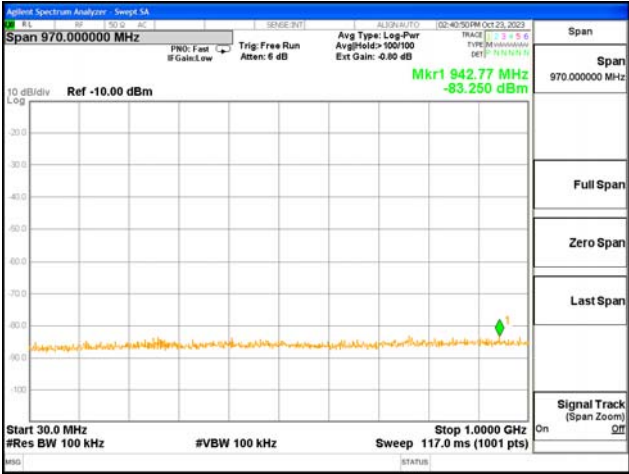


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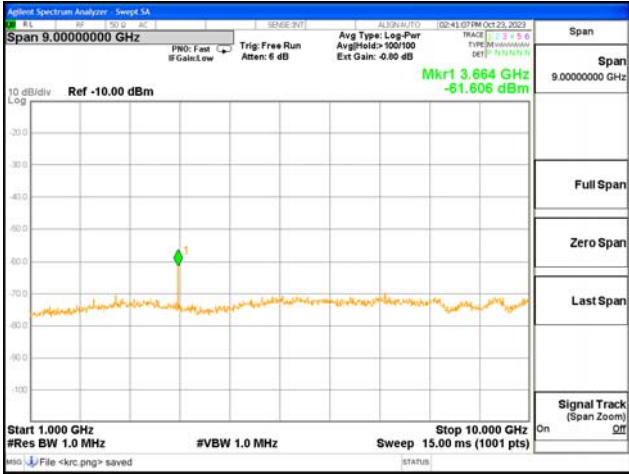
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Ch.140: 5 700MHz

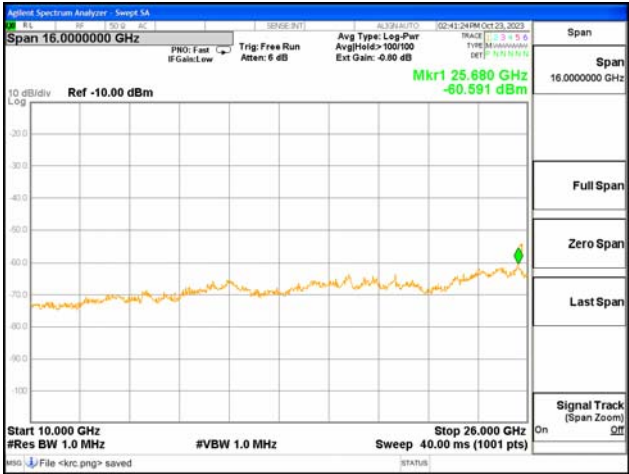
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



Burst length of transmitted signals

ANT 1



ANT 2

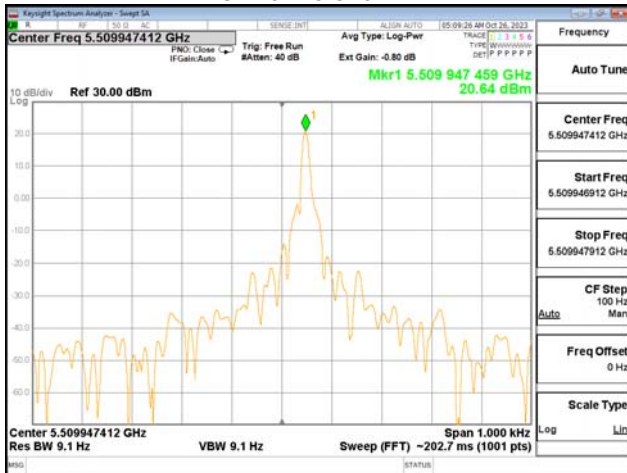


APPENDIX D – 802.11n_HT40 data

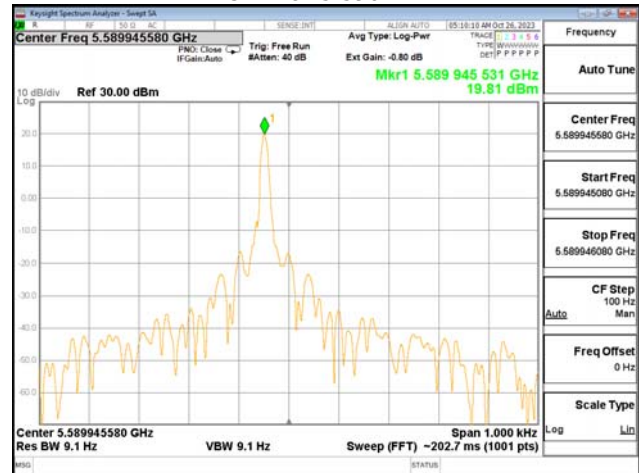
Frequency tolerance

ANT 1

Ch.102: 5 510MHz



Ch.118: 5 590MHz

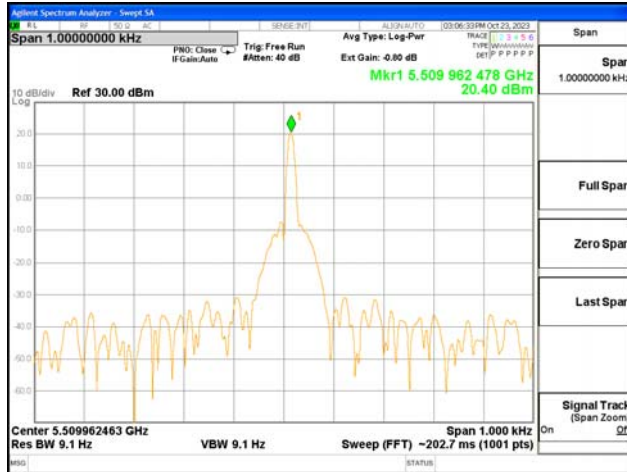


Ch.134: 5 670MHz

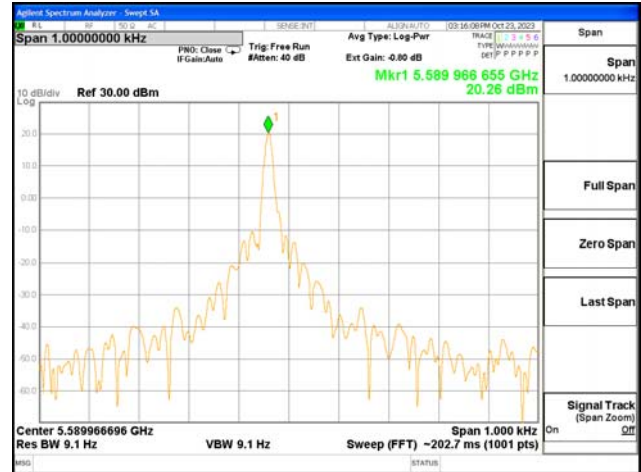


ANT 2

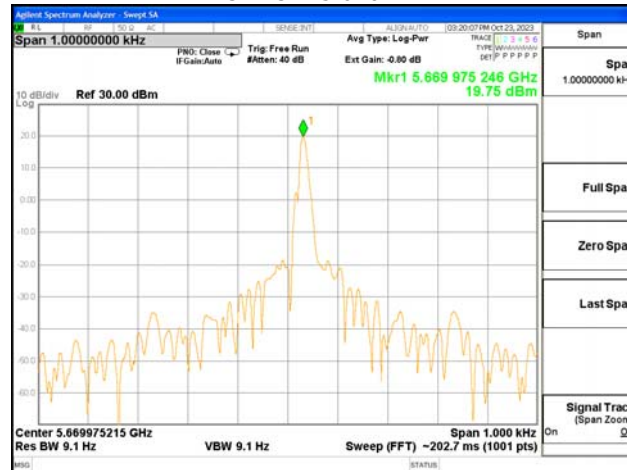
Ch.102: 5 510MHz



Ch.118: 5 590MHz



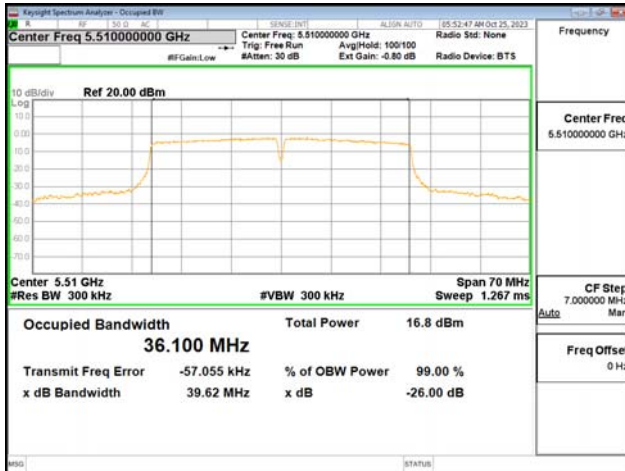
Ch.134: 5 670MHz



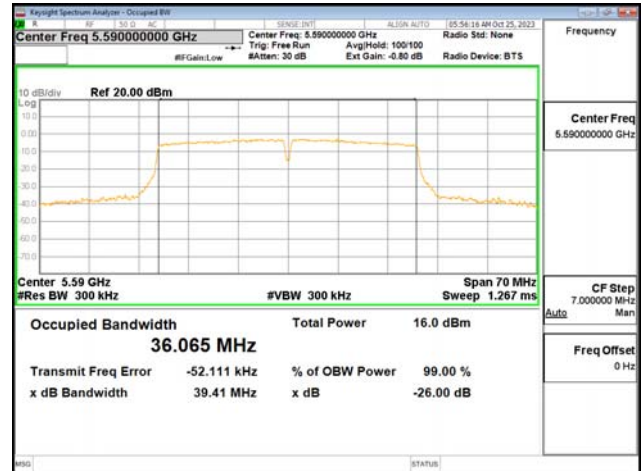
Occupied bandwidth

ANT 1

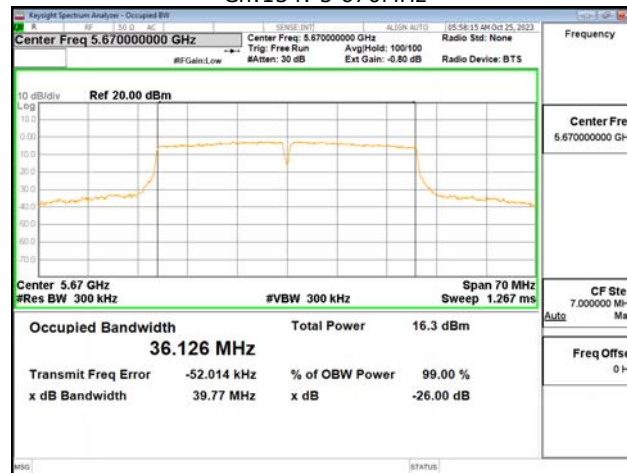
Ch.102: 5 510MHz



Ch.118: 5 590MHz

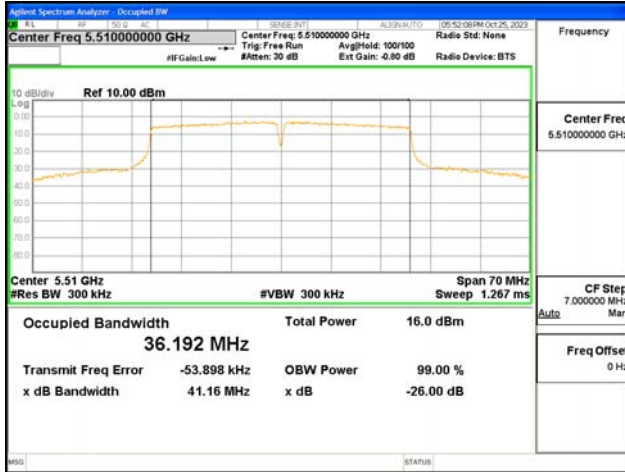


Ch.134: 5 670MHz

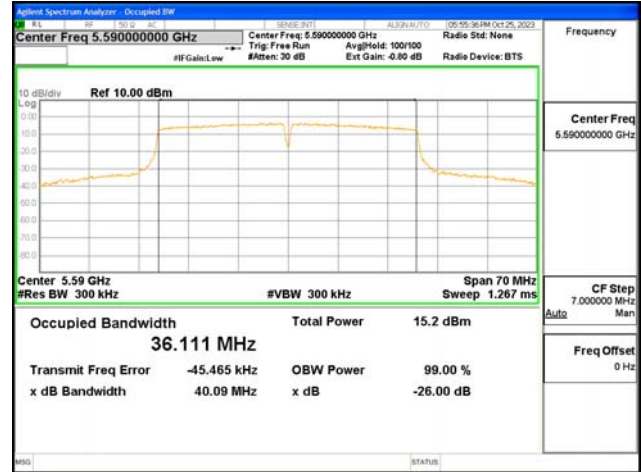


ANT 2

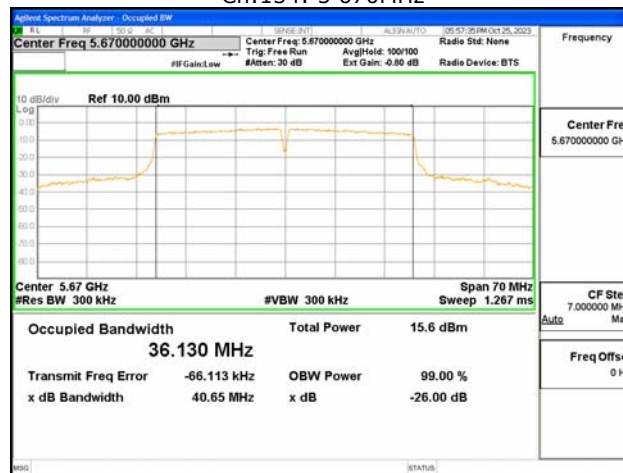
Ch.102: 5 510MHz



Ch.118: 5 590MHz



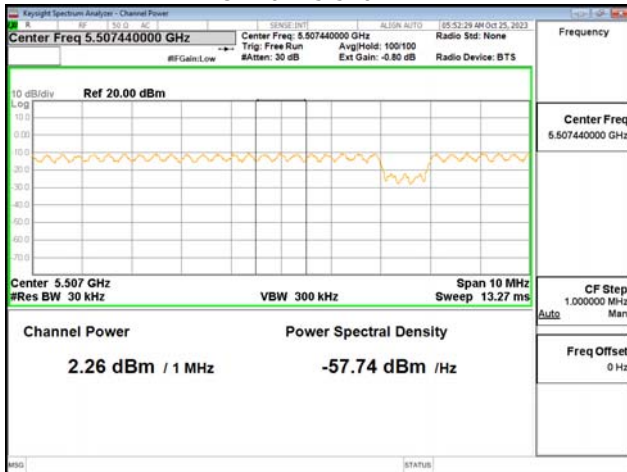
Ch.134: 5 670MHz



RF output power

ANT 1

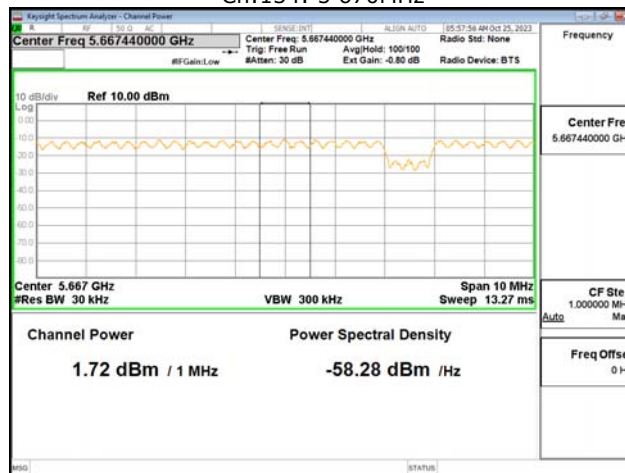
Ch.102: 5 510MHz



Ch.118: 5 590MHz

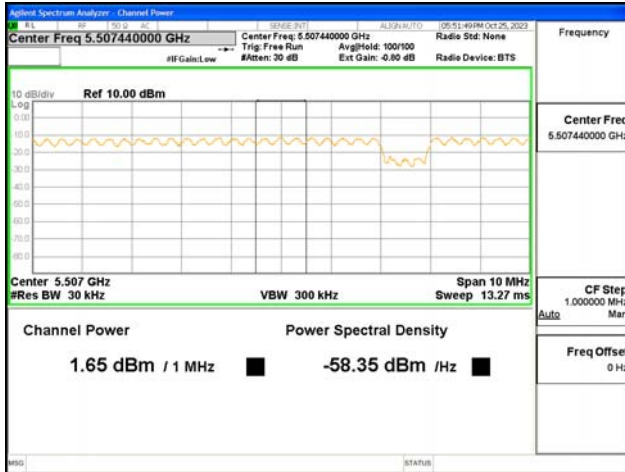


Ch.134: 5 670MHz

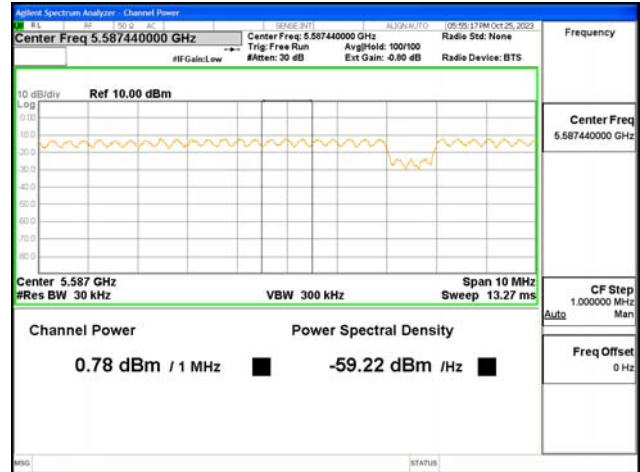


ANT 2

Ch.102: 5 510MHz



Ch.118: 5 590MHz



Ch.134: 5 670MHz



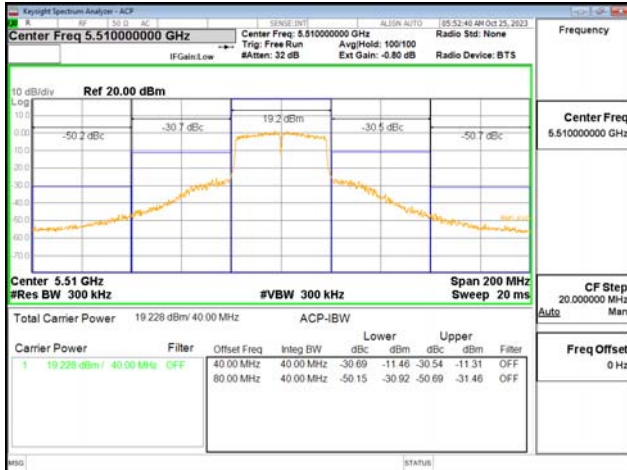
ON/OFF time



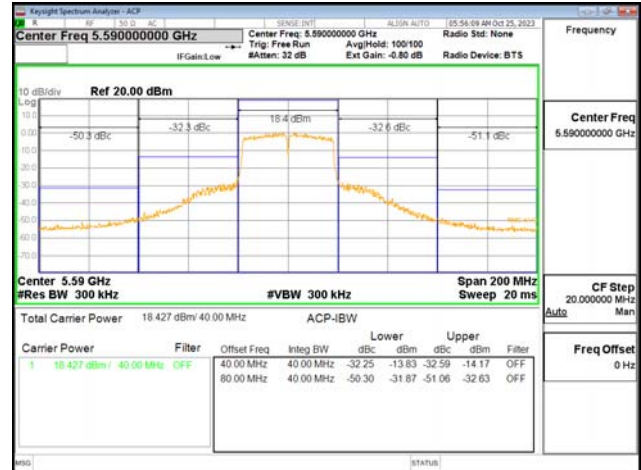
Adjacent Channel Leakage Power

ANT 1

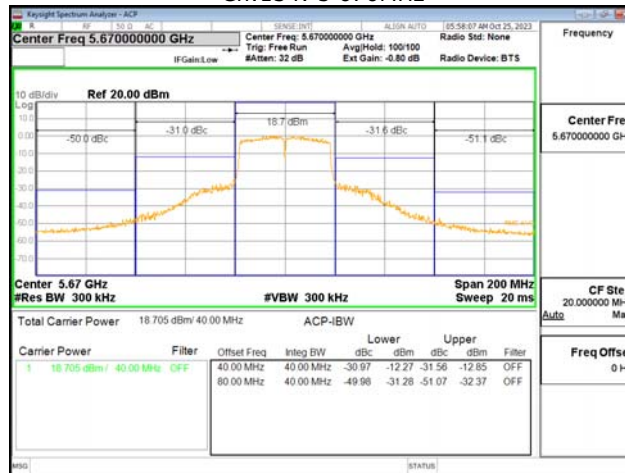
Ch.102: 5 510MHz



Ch.118: 5 590MHz

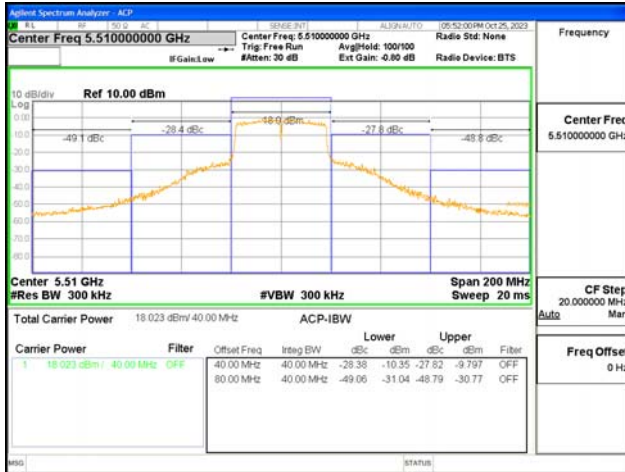


Ch.134: 5 670MHz

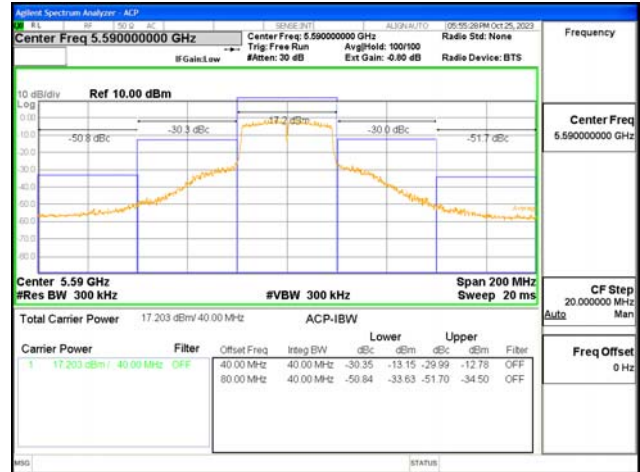


ANT 2

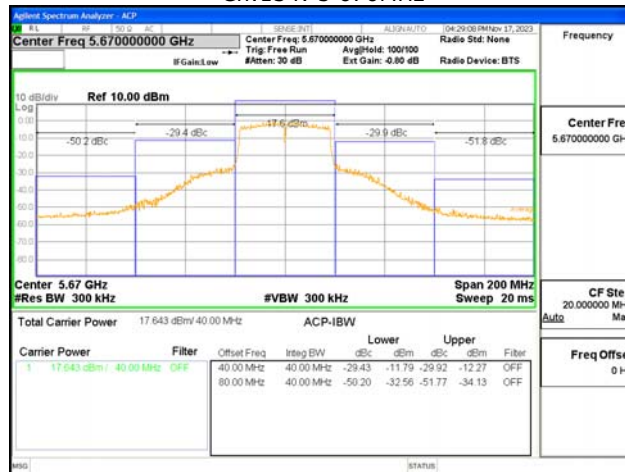
Ch.102: 5 510MHz



Ch.118: 5 590MHz



Ch.134: 5 670MHz



Unwanted(Spurious) emissions

ANT 1

Ch.102: 5 510MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.118: 5 590MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.134: 5 670MHz

30MHz-5460MHz



5770MHz-26GHz

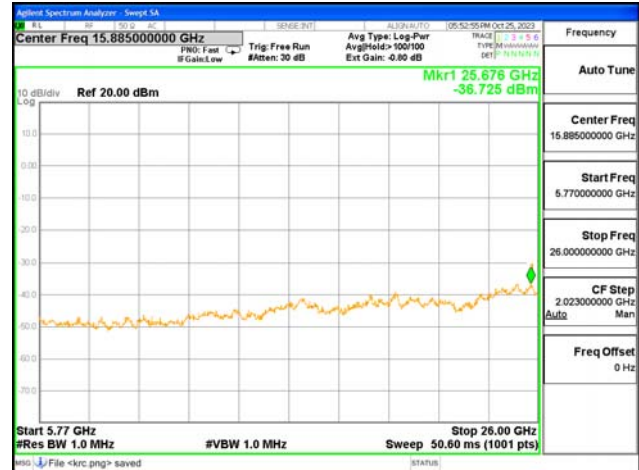


ANT 2
Ch.102: 5 510MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.118: 5 590MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.134: 5 670MHz

30MHz-5460MHz



5770MHz-26GHz

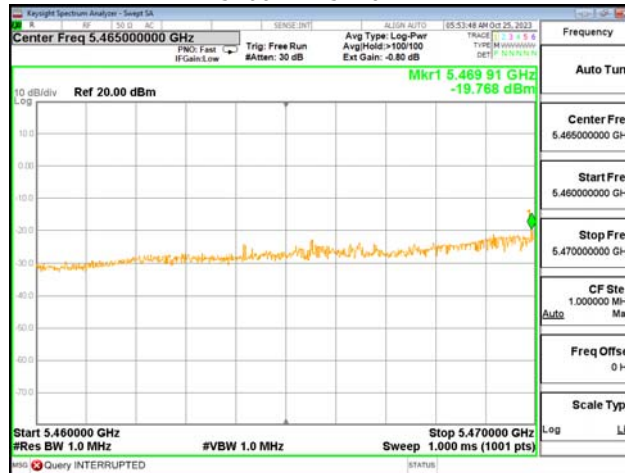


Out-band leakage power

ANT 1

Ch.102: 5 510MHz

5460MHz-5470MHz



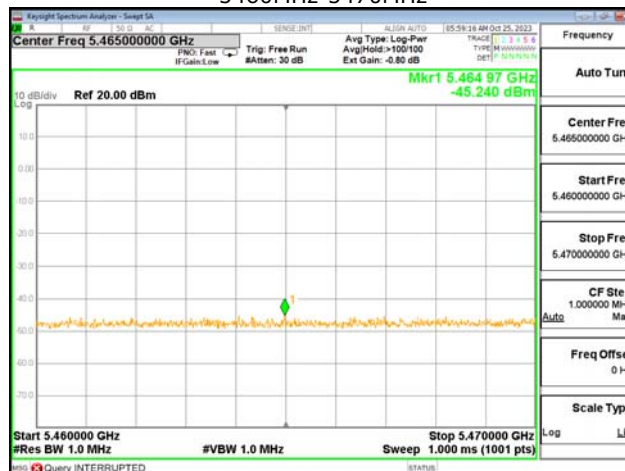
Ch.118: 5 590MHz

5460MHz-5470MHz

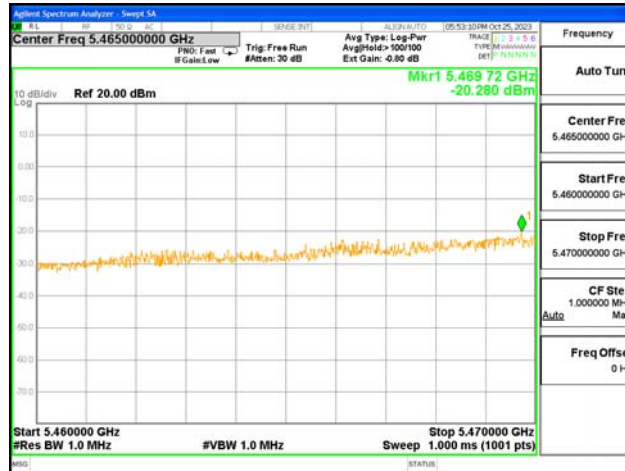


Ch.134: 5 670MHz

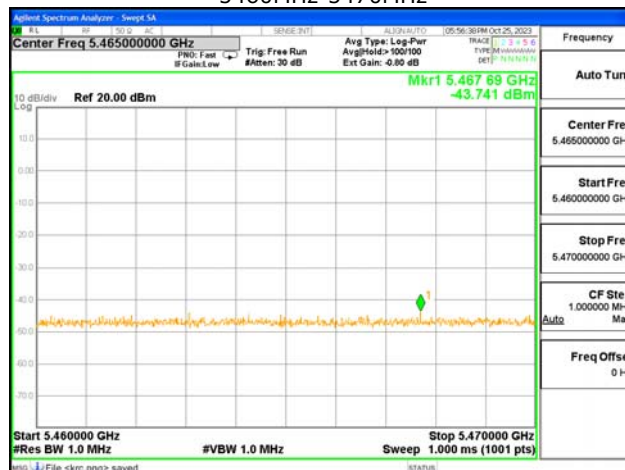
5460MHz-5470MHz



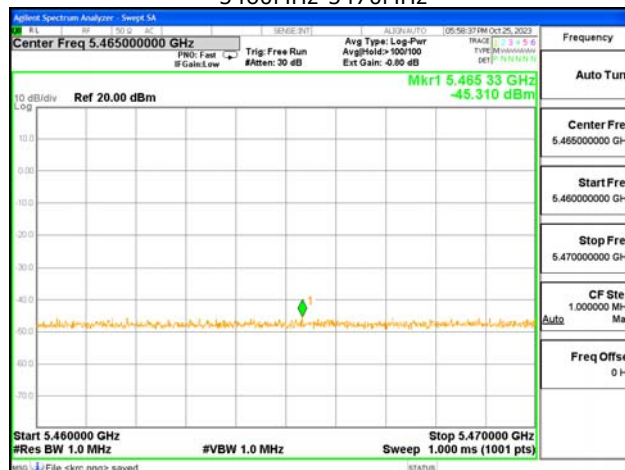
ANT 2
Ch.102: 5 510MHz
5460MHz-5470MHz



Ch.118: 5 590MHz
5460MHz-5470MHz



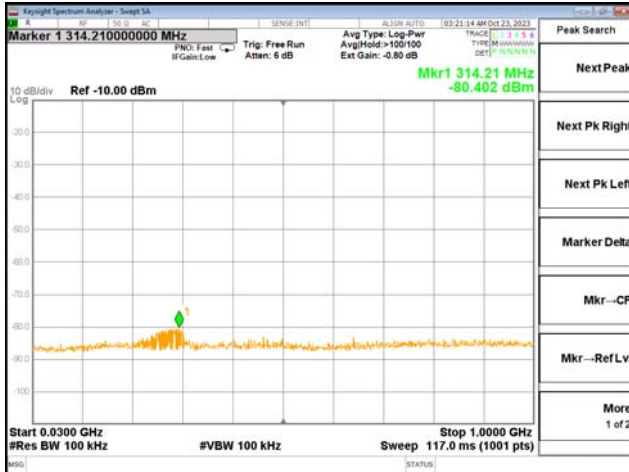
Ch.134: 5 670MHz
5460MHz-5470MHz



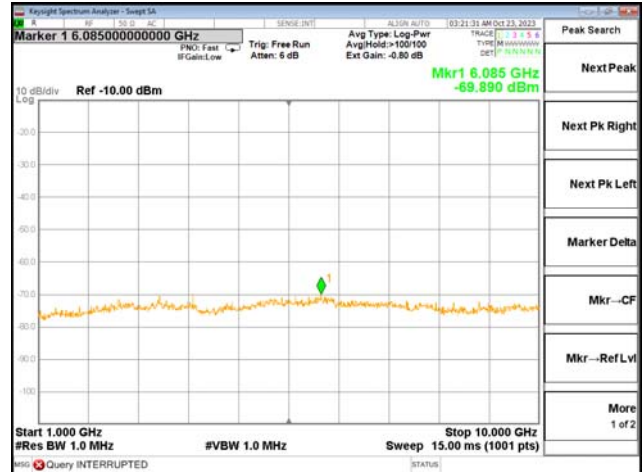
Secondary emitted radio wave strength

ANT 1 Ch.102: 5 510MHz

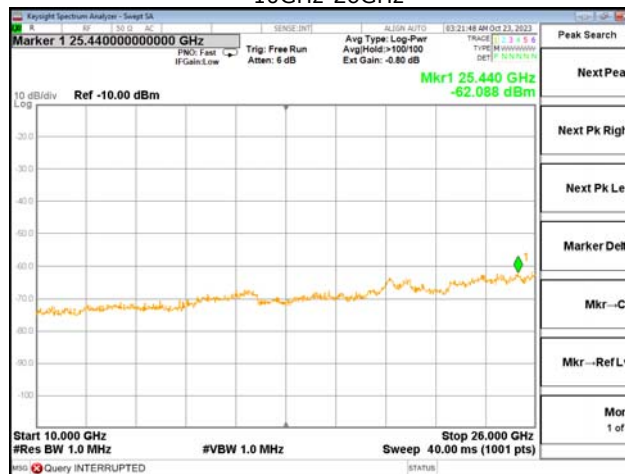
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



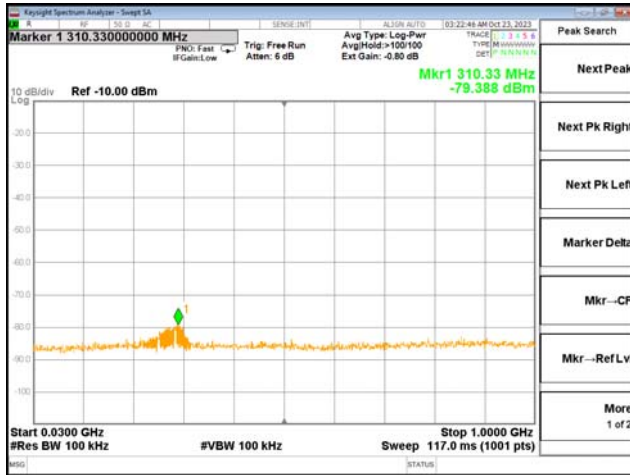


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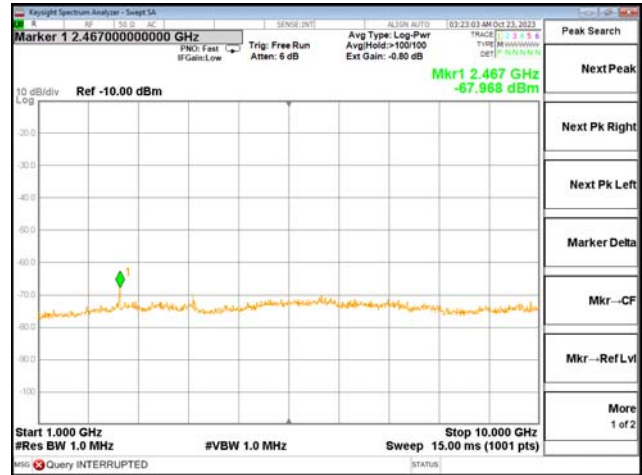
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Ch.118: 5 590MHz

30MHz-1GHz



1GHz-10GHz

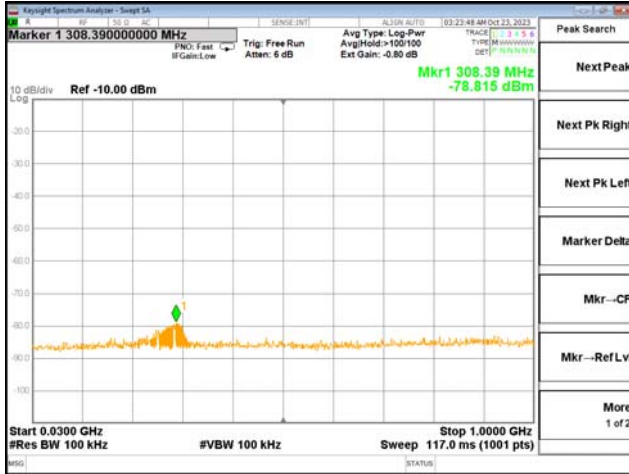


10GHz-26GHz

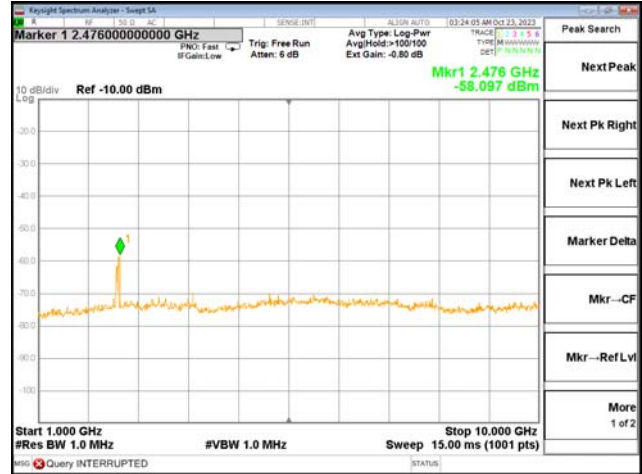


Ch.134: 5 670MHz

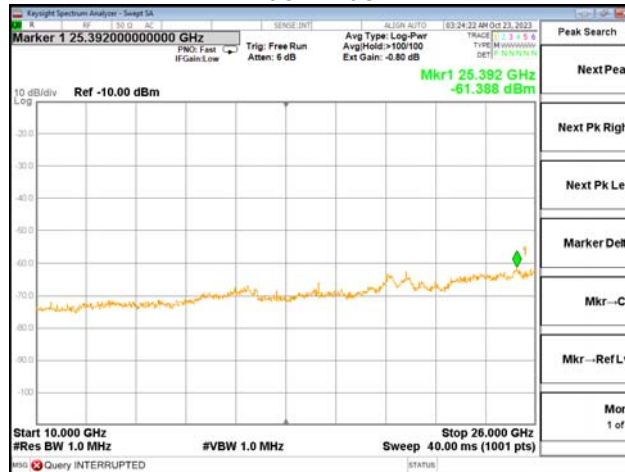
30MHz-1GHz



1GHz-10GHz

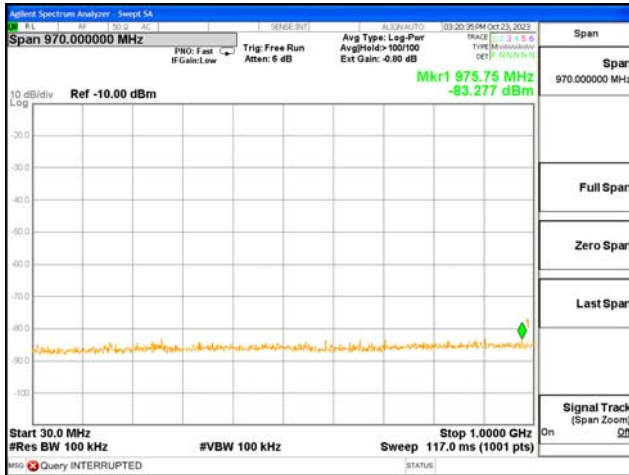


10GHz-26GHz

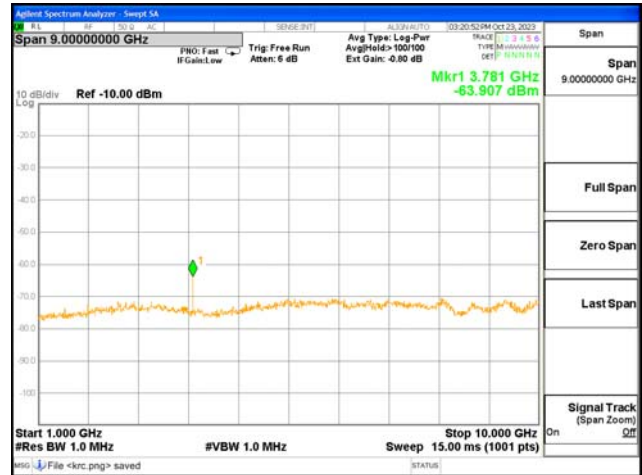


ANT 2
Ch.102: 5 510MHz

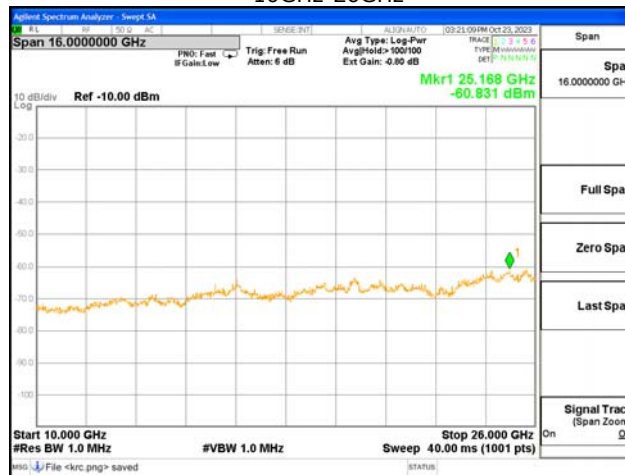
30MHz-1GHz



1GHz-10GHz

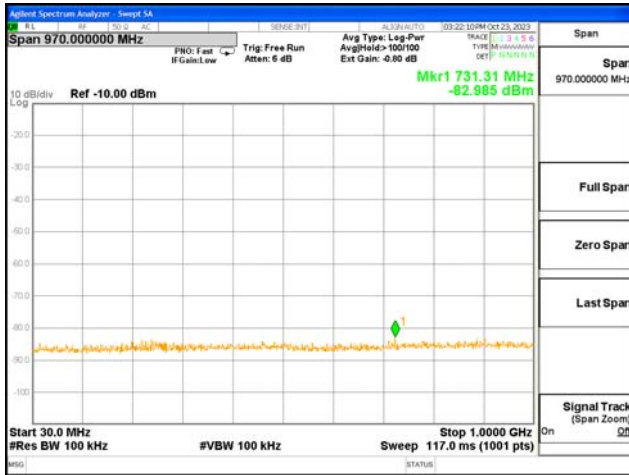


10GHz-26GHz

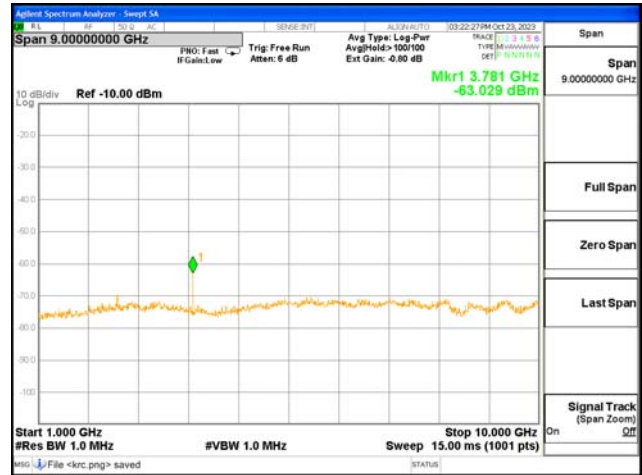


Ch.118: 5 590MHz

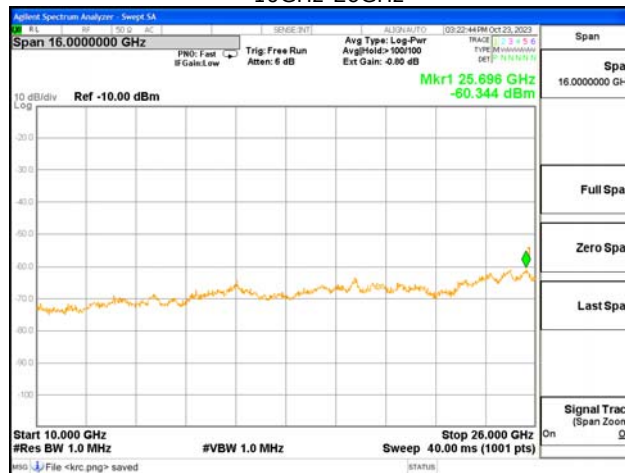
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



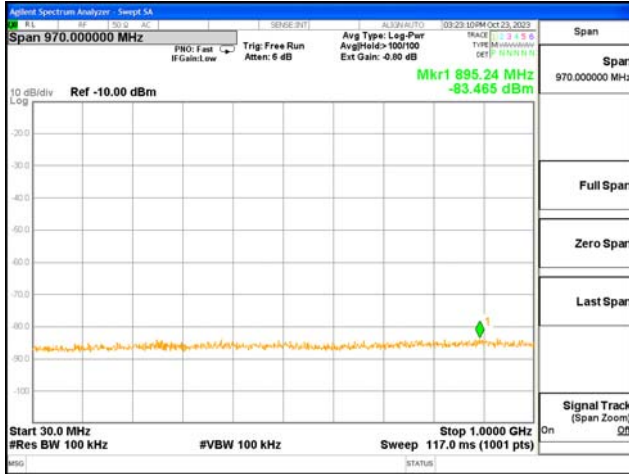


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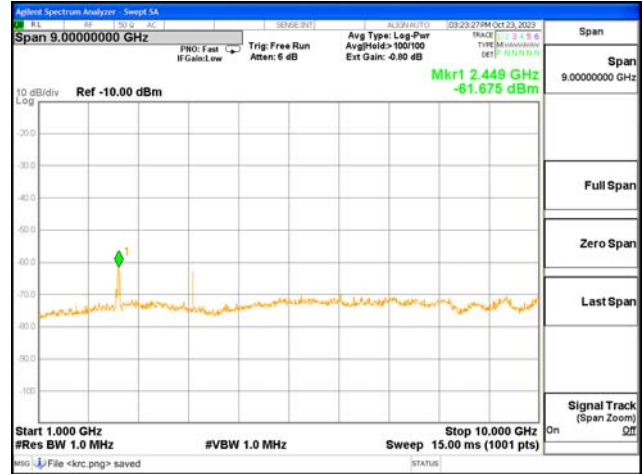
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Ch.134: 5 670MHz

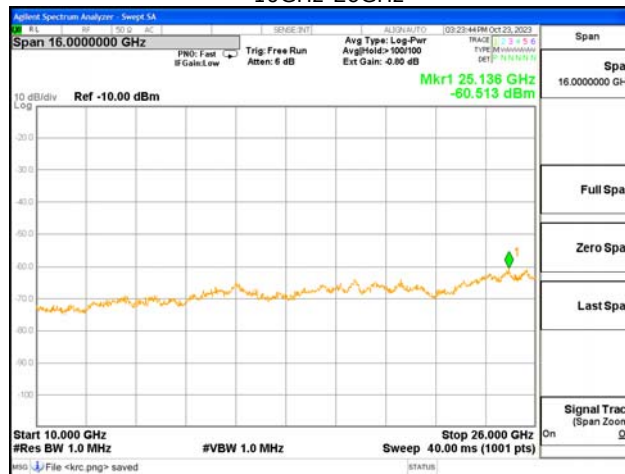
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



Burst length of transmitted signals

ANT 1



ANT 2

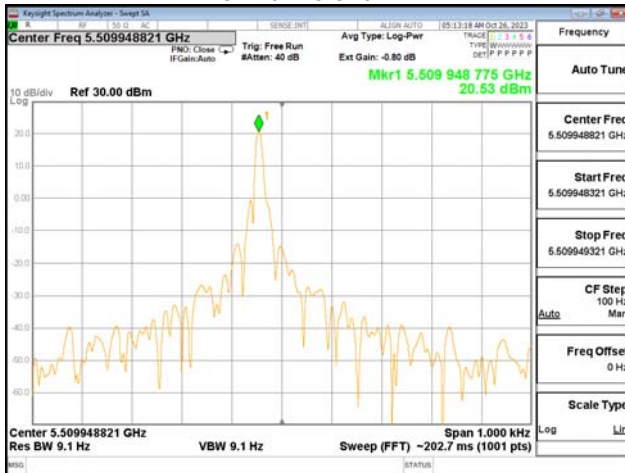


APPENDIX E – 802.11ac_VHT40 data

Frequency tolerance

ANT 1

Ch.102: 5 510MHz



Ch.118: 5 590MHz

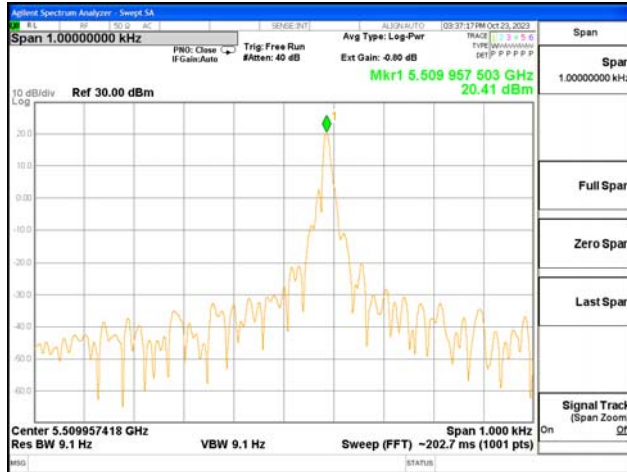


Ch.134: 5 670MHz



ANT 2

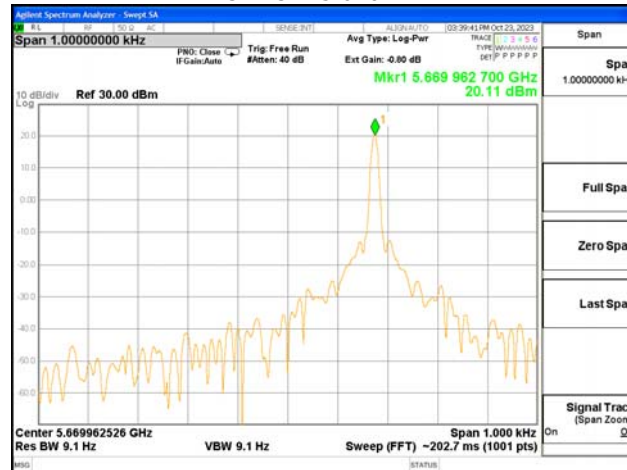
Ch.102: 5 510MHz



Ch.118: 5 590MHz



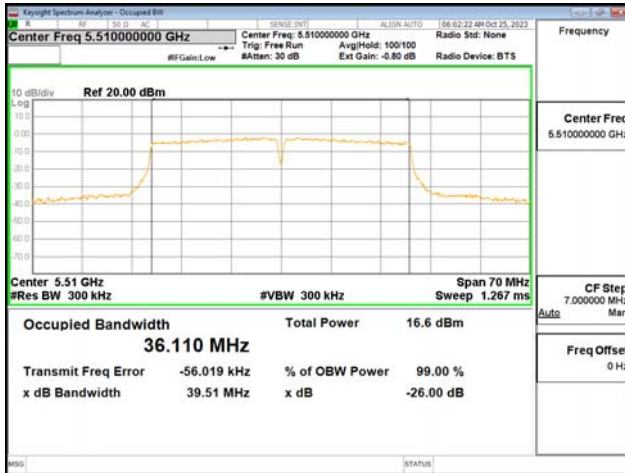
Ch.134: 5 670MHz



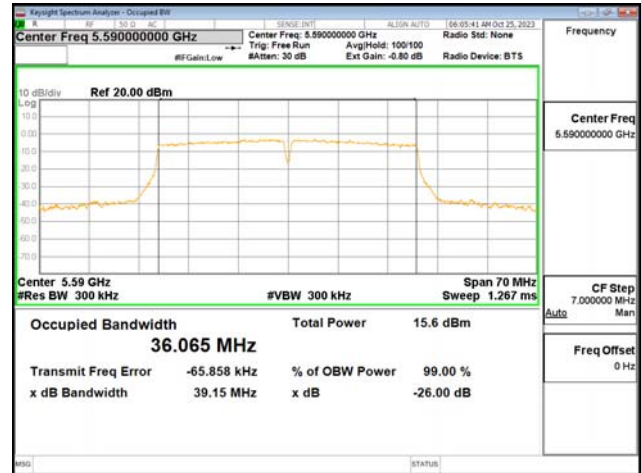
Occupied bandwidth

ANT 1

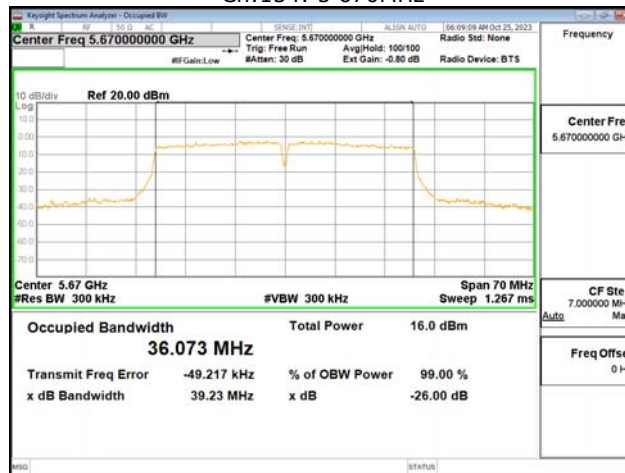
Ch.102: 5 510MHz



Ch.118: 5 590MHz

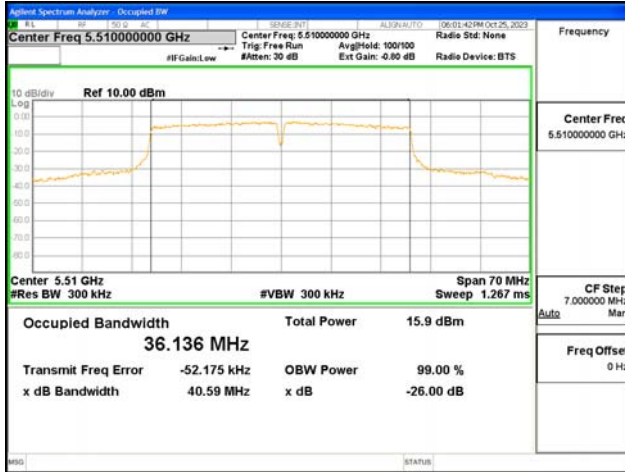


Ch.134: 5 670MHz

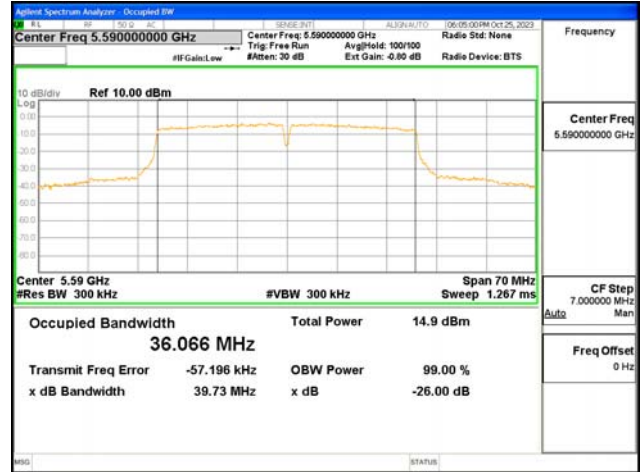


ANT 2

Ch.102: 5 510MHz



Ch.118: 5 590MHz



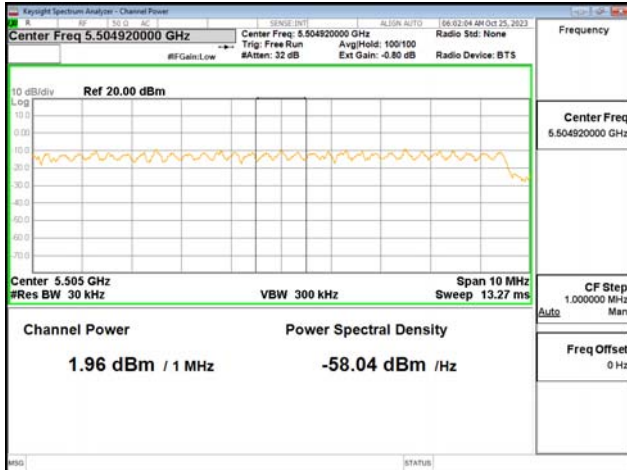
Ch.134: 5 670MHz



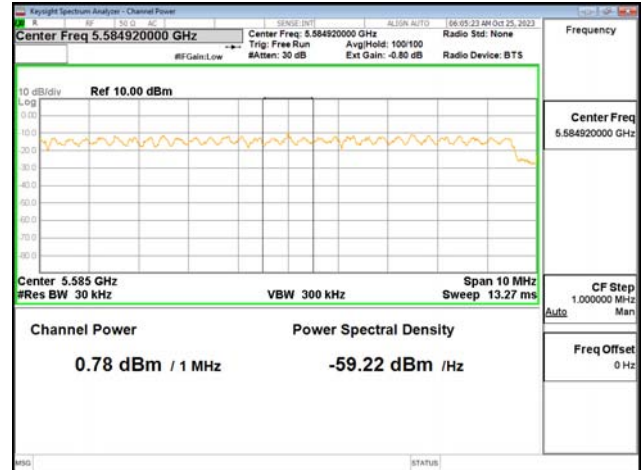
RF output power

ANT 1

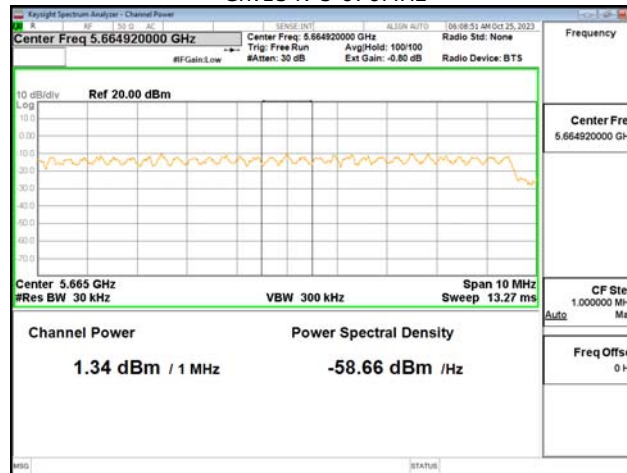
Ch.102: 5 510MHz



Ch.118: 5 590MHz

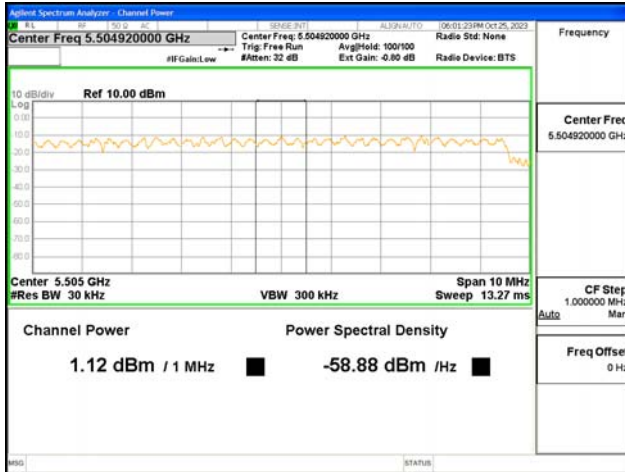


Ch.134: 5 670MHz

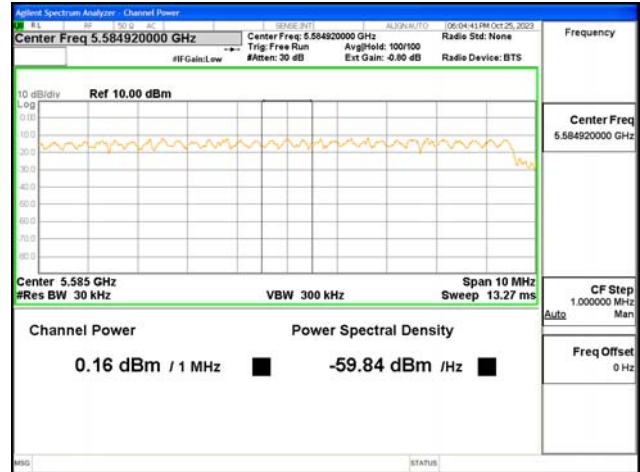


ANT 2

Ch.102: 5 510MHz



Ch.118: 5 590MHz



Ch.134: 5 670MHz



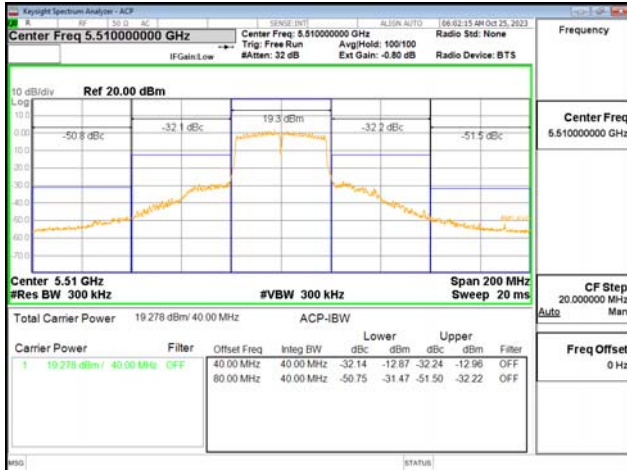
ON/OFF time



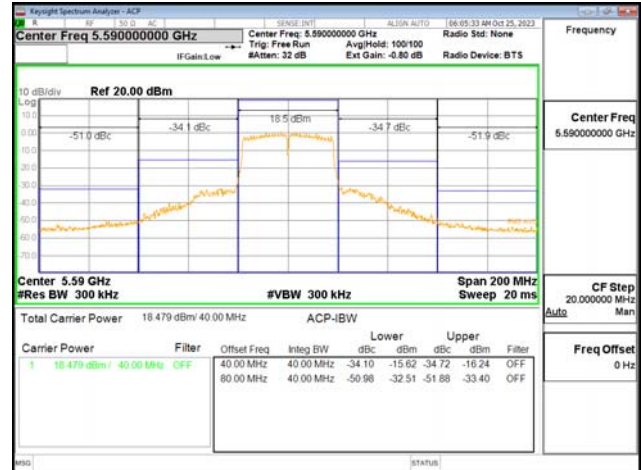
Adjacent Channel Leakage Power

ANT 1

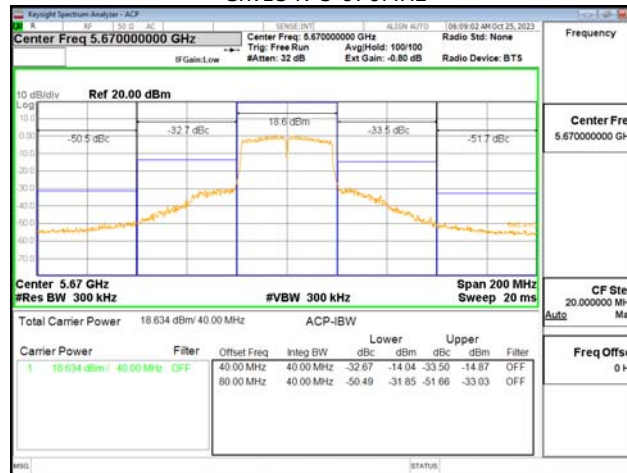
Ch.102: 5 510MHz



Ch.118: 5 590MHz

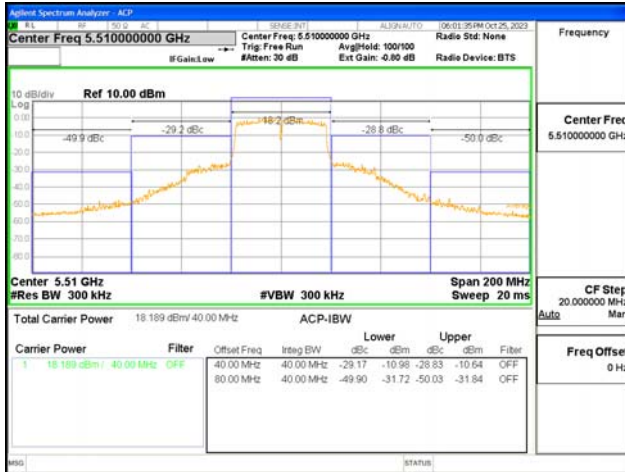


Ch.134: 5 670MHz

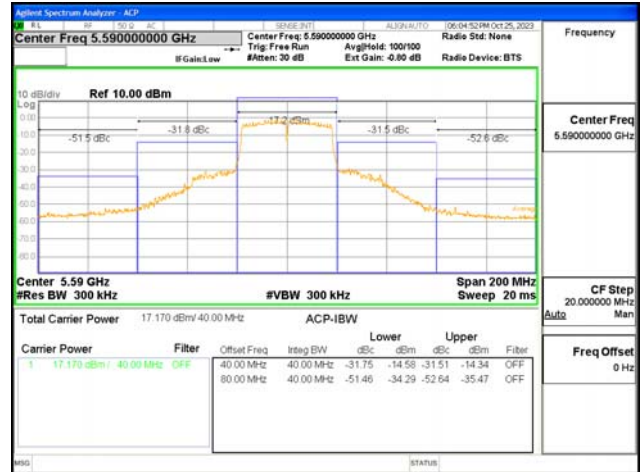


ANT 2

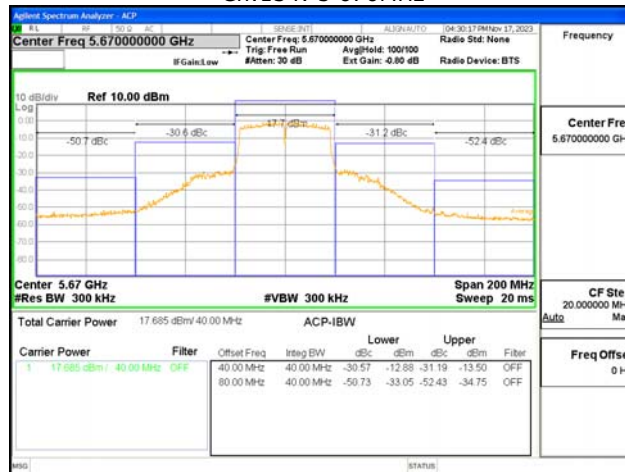
Ch.102: 5 510MHz



Ch.118: 5 590MHz



Ch.134: 5 670MHz



Unwanted(Spurious) emissions

ANT 1

Ch.102: 5 510MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.118: 5 590MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.134: 5 670MHz

30MHz-5460MHz

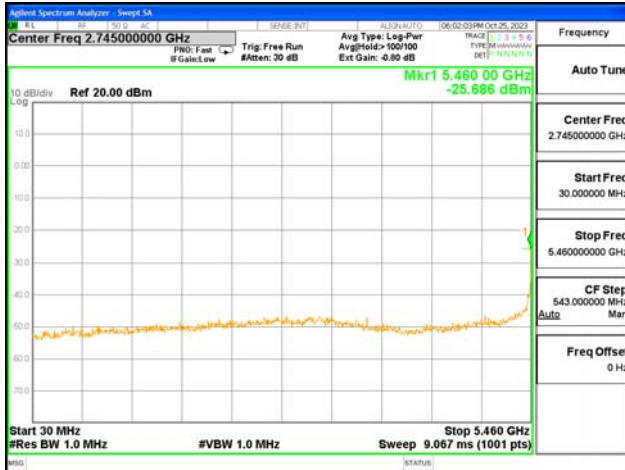


5770MHz-26GHz



ANT 2
Ch.102: 5 510MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.118: 5 590MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.134: 5 670MHz

30MHz-5460MHz



5770MHz-26GHz

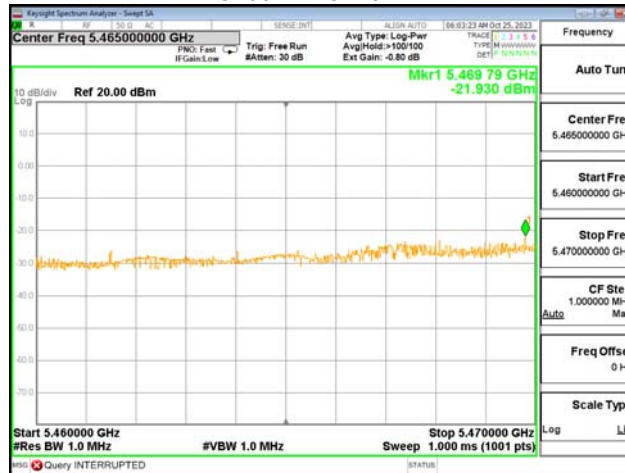


Out-band leakage power

ANT 1

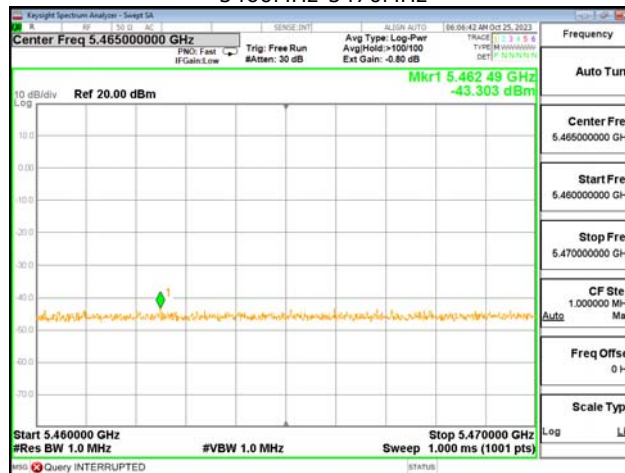
Ch.102: 5 510MHz

5460MHz-5470MHz



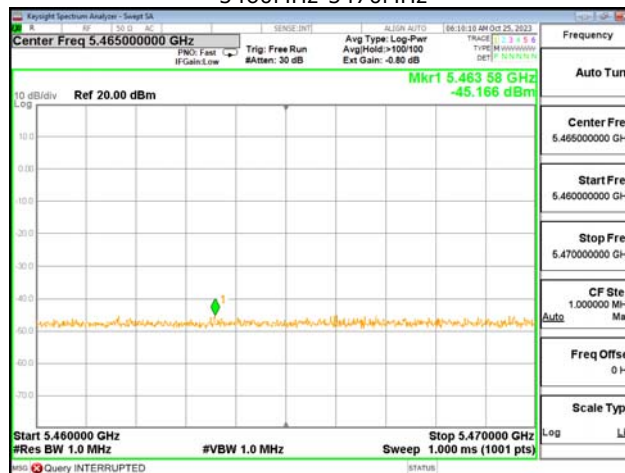
Ch.118: 5 590MHz

5460MHz-5470MHz

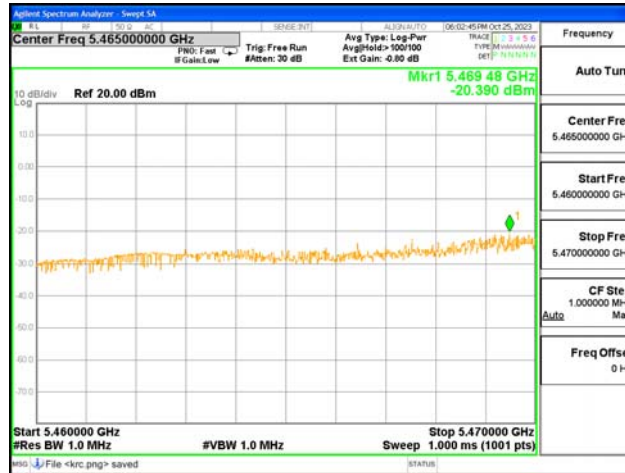


Ch.134: 5 670MHz

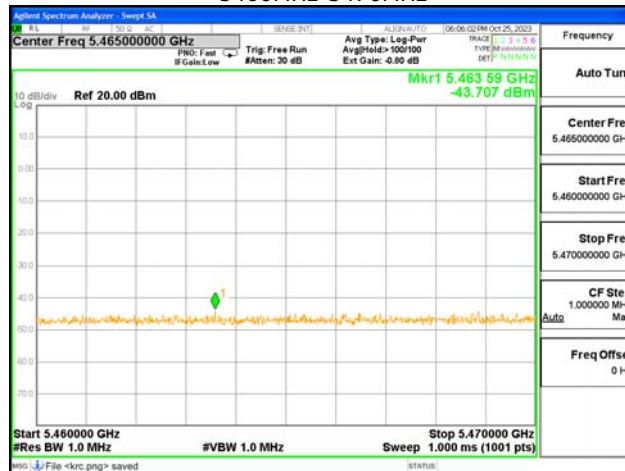
5460MHz-5470MHz



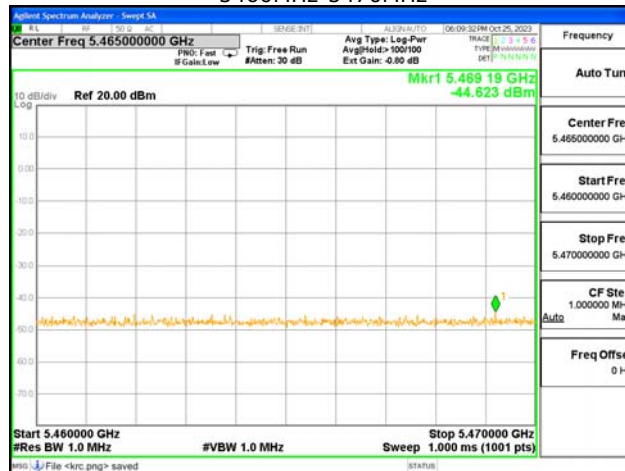
ANT 2
Ch.102: 5 510MHz
5460MHz-5470MHz



Ch.118: 5 590MHz
5460MHz-5470MHz



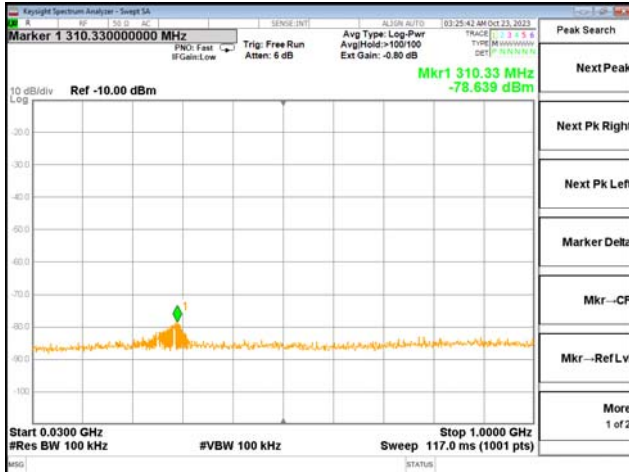
Ch.134: 5 670MHz
5460MHz-5470MHz



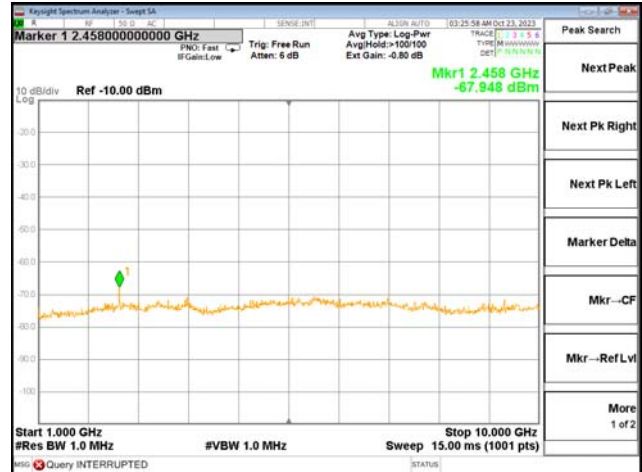
Secondary emitted radio wave strength

ANT 1 Ch.102: 5 510MHz

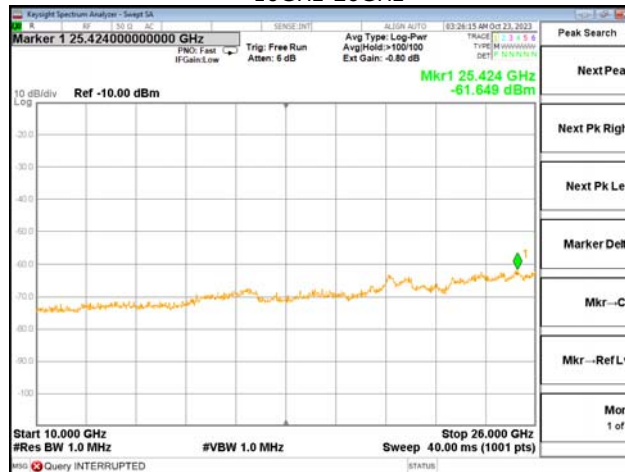
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



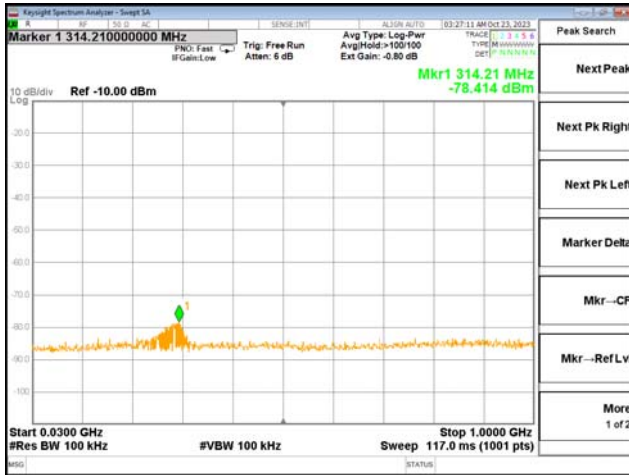


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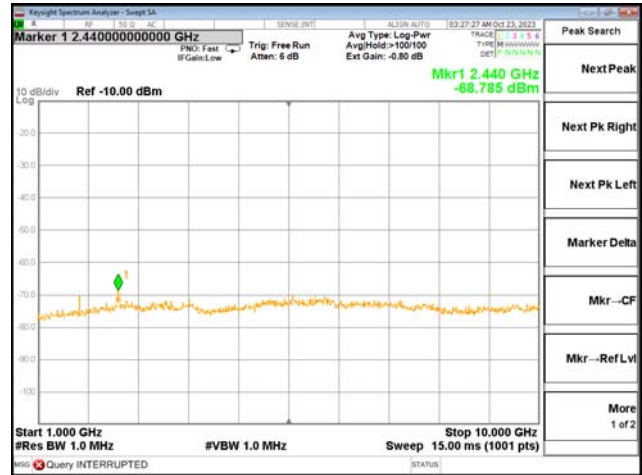
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Ch.118: 5 590MHz

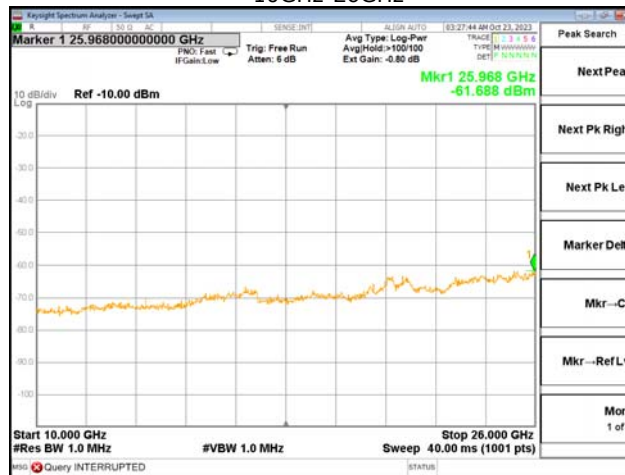
30MHz-1GHz



1GHz-10GHz

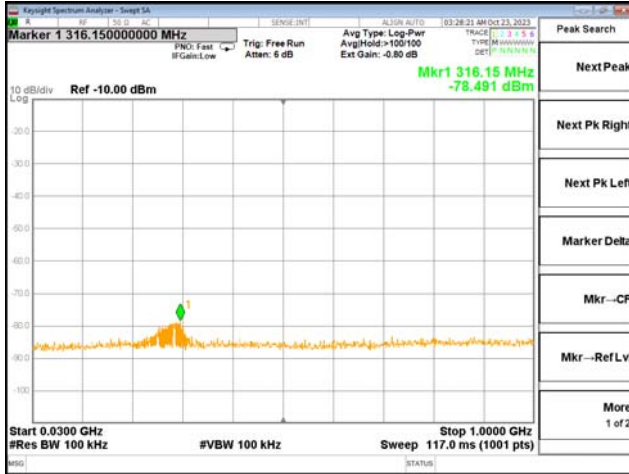


10GHz-26GHz

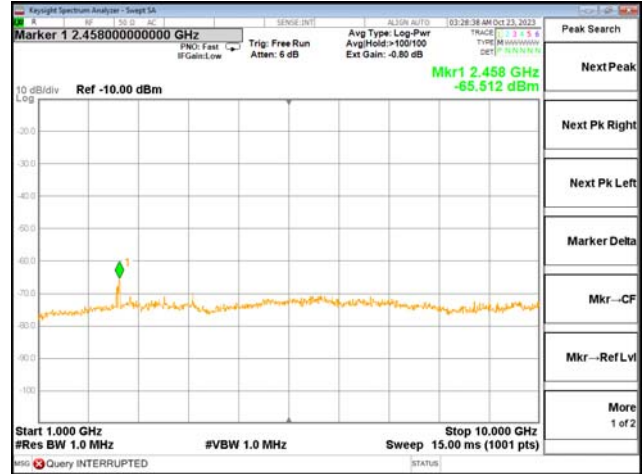


Ch.134: 5 670MHz

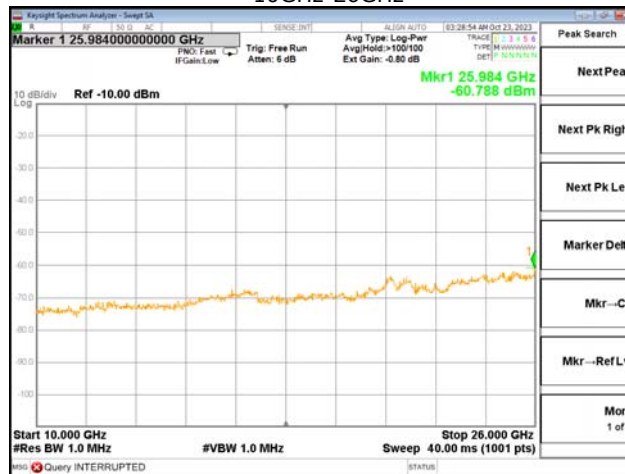
30MHz-1GHz



1GHz-10GHz

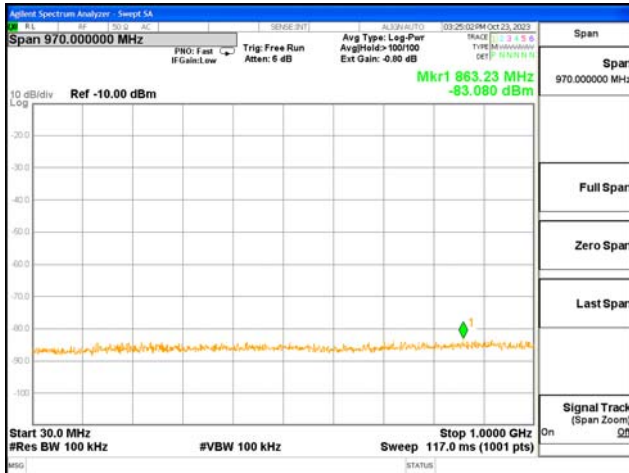


10GHz-26GHz

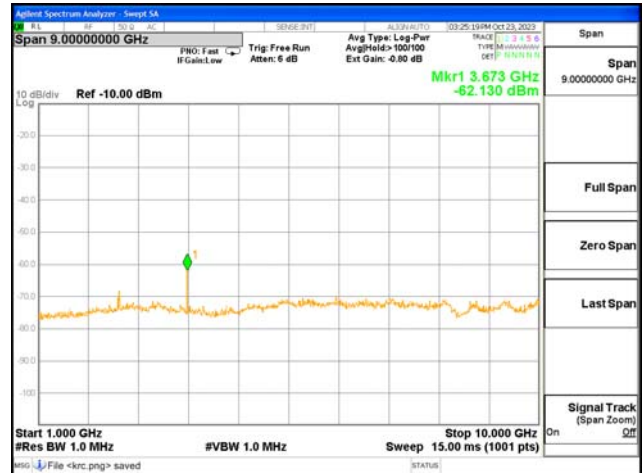


ANT 2
Ch.102: 5 510MHz

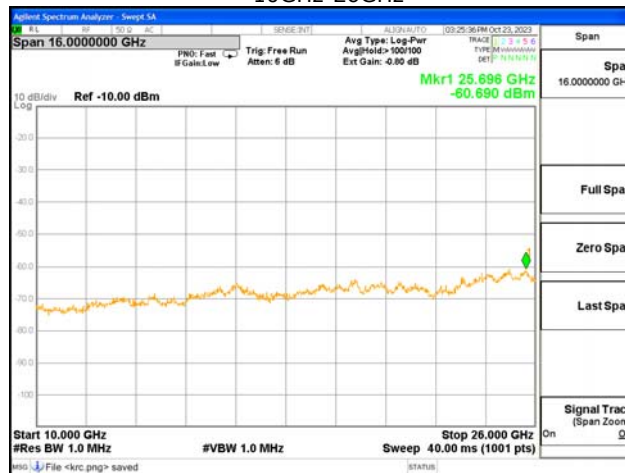
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz

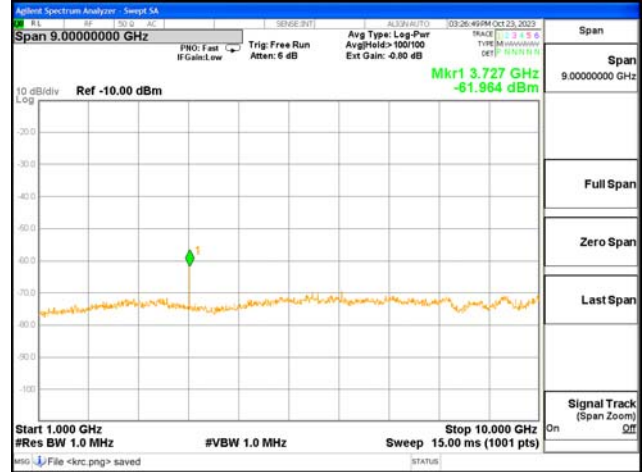


Ch.118: 5 590MHz

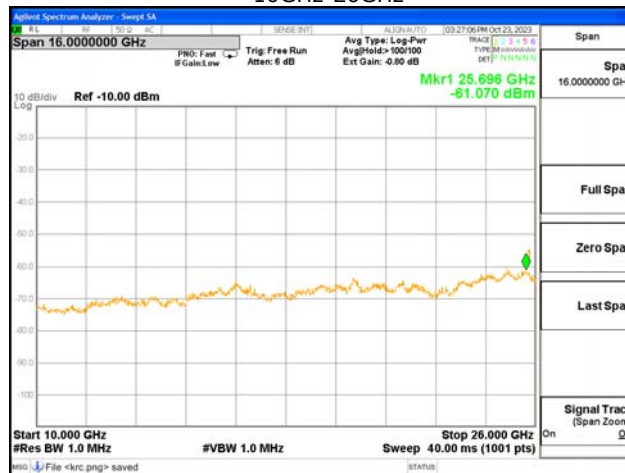
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



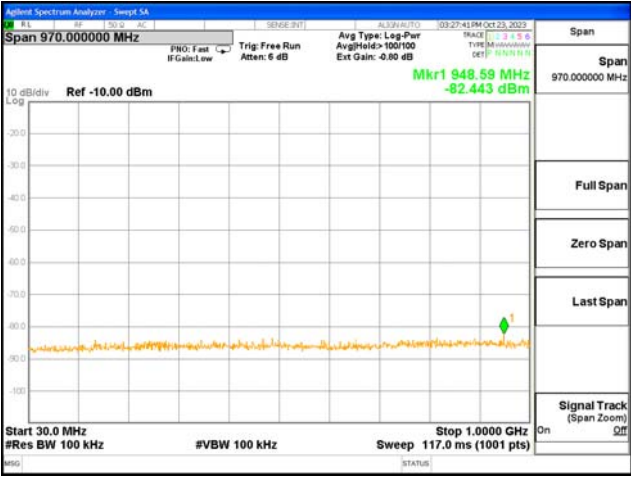


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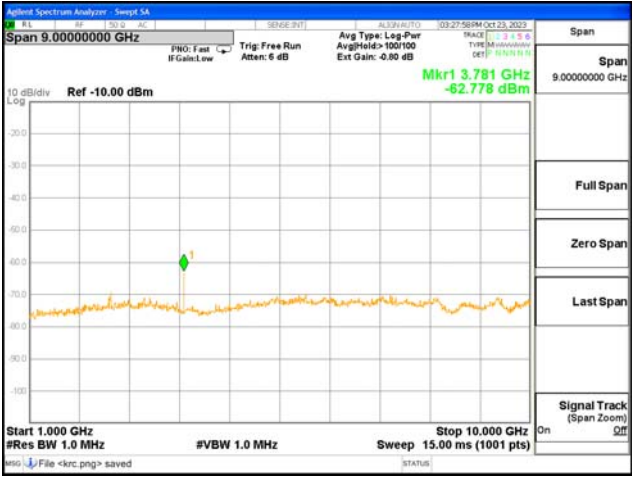
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Ch.134: 5 670MHz

30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



Burst length of transmitted signals

ANT 1



ANT 2

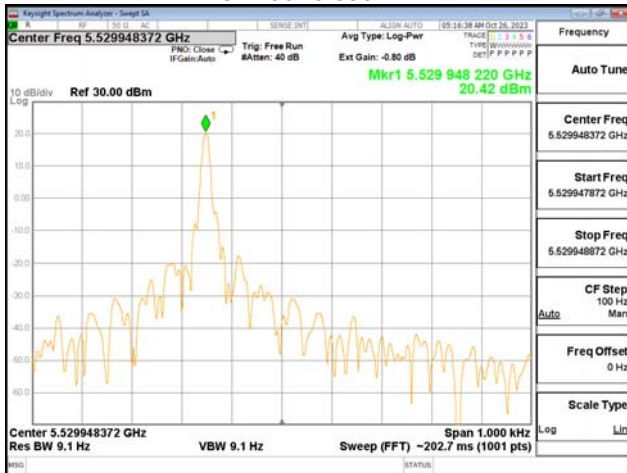


APPENDIX F – 802.11ac_VHT80 data

Frequency tolerance

ANT 1

Ch.106: 5 530MHz

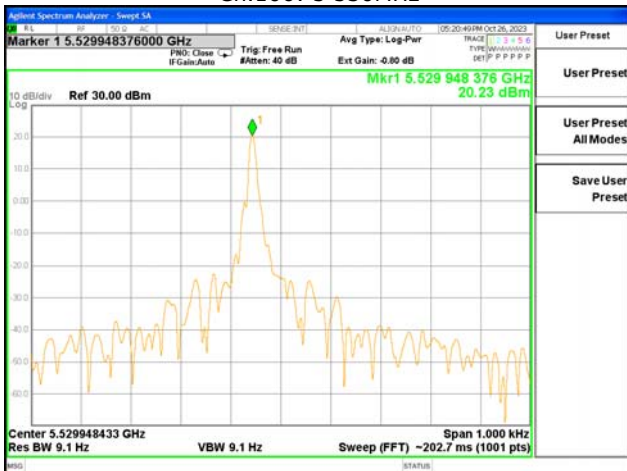


Ch.122: 5 610MHz

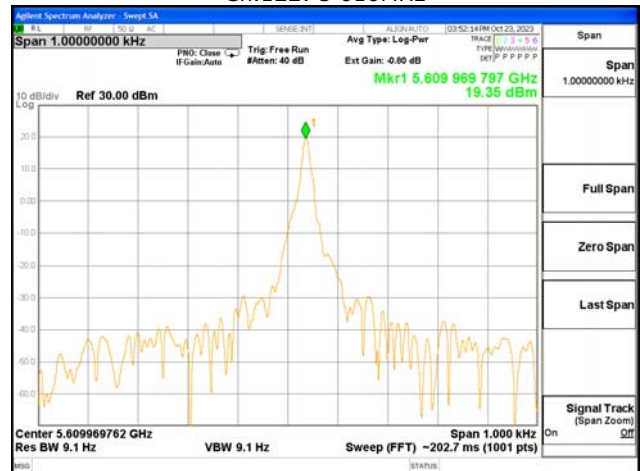


ANT 2

Ch.106: 5 530MHz



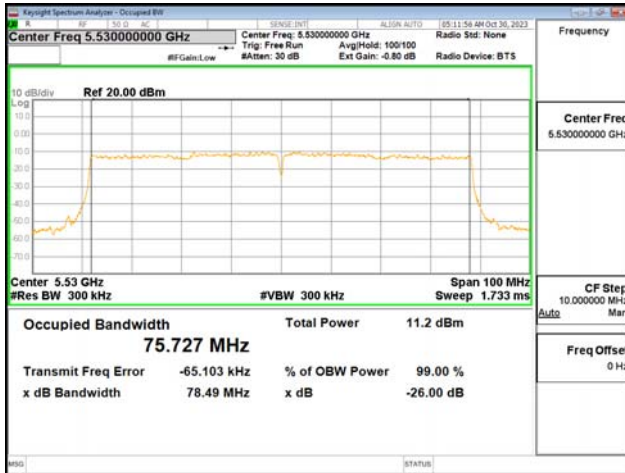
Ch.122: 5 610MHz



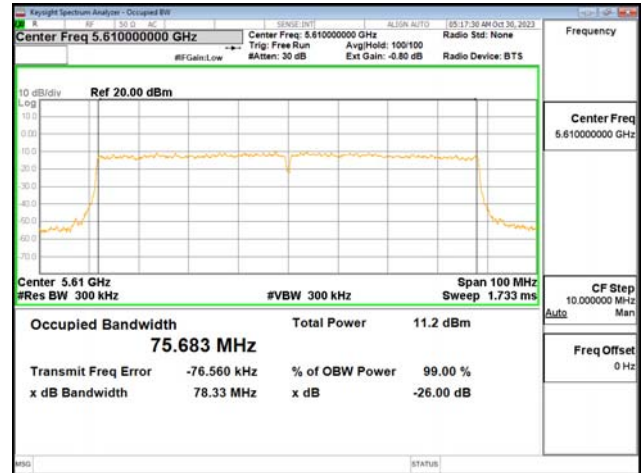
Occupied bandwidth

ANT 1

Ch.106: 5 530MHz

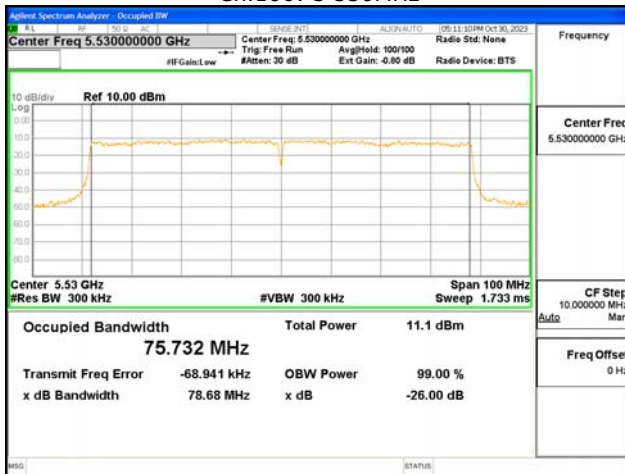


Ch.122: 5 610MHz

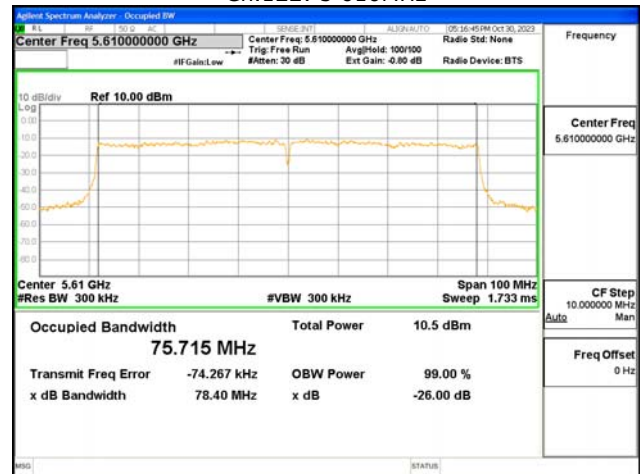


ANT 2

Ch.106: 5 530MHz



Ch.122: 5 610MHz



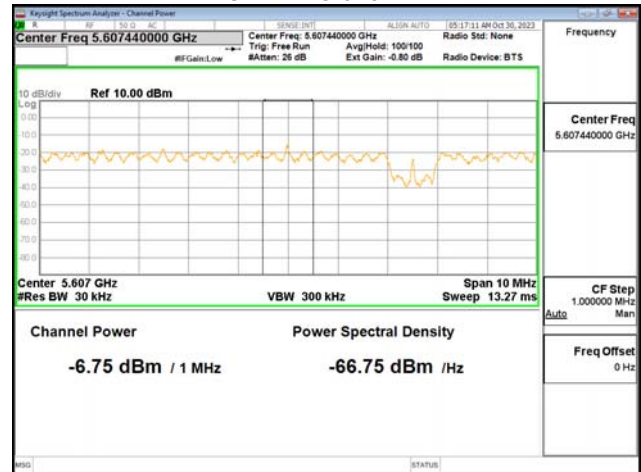
RF output power

ANT 1

Ch.106: 5 530MHz



Ch.122: 5 610MHz

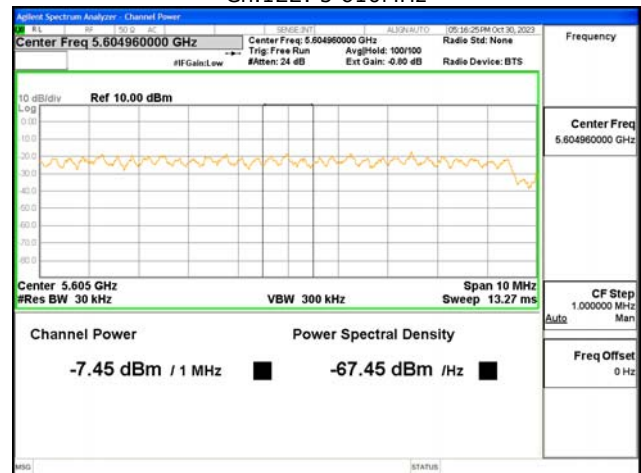


ANT 2

Ch.106: 5 530MHz



Ch.122: 5 610MHz



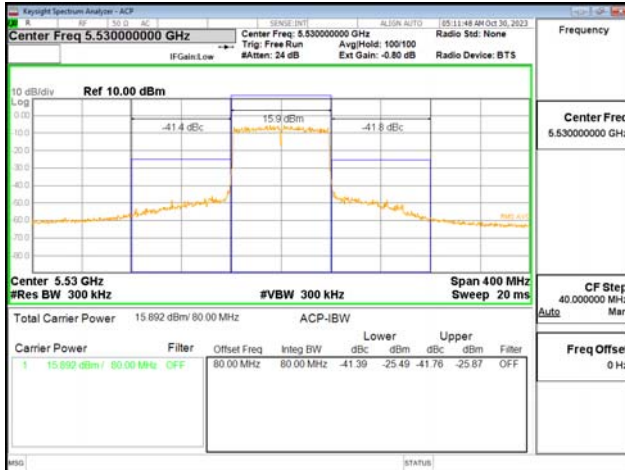
ON/OFF time



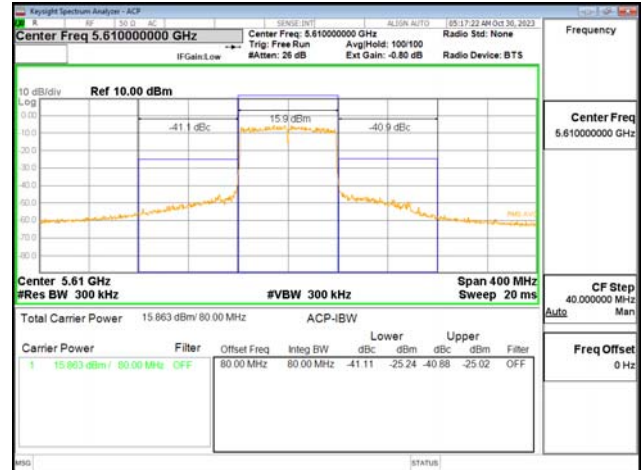
Adjacent Channel Leakage Power

ANT 1

Ch.106: 5 530MHz

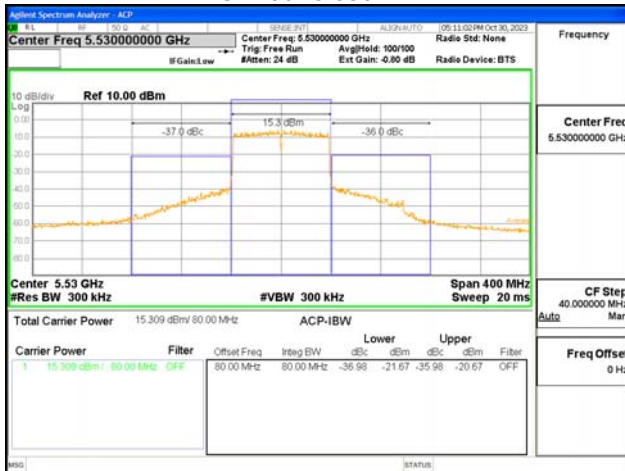


Ch.122: 5 610MHz

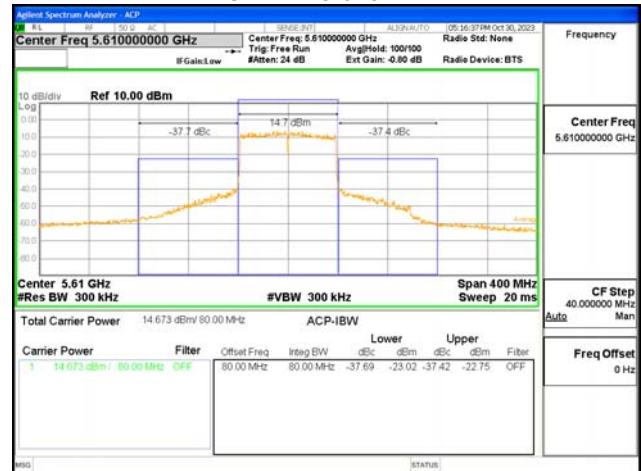


ANT 2

Ch.106: 5 530MHz



Ch.122: 5 610MHz





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Unwanted(Spurious) emissions

ANT 1

Ch.106: 5 530MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.122: 5 610MHz

30MHz-5460MHz



5770MHz-26GHz



ANT 2
Ch.106: 5 530MHz

30MHz-5460MHz



5770MHz-26GHz



Ch.122: 5 610MHz

30MHz-5460MHz



5770MHz-26GHz

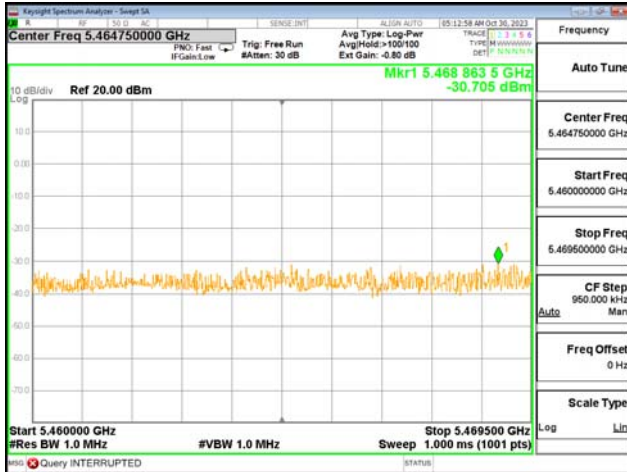


Out-band leakage power

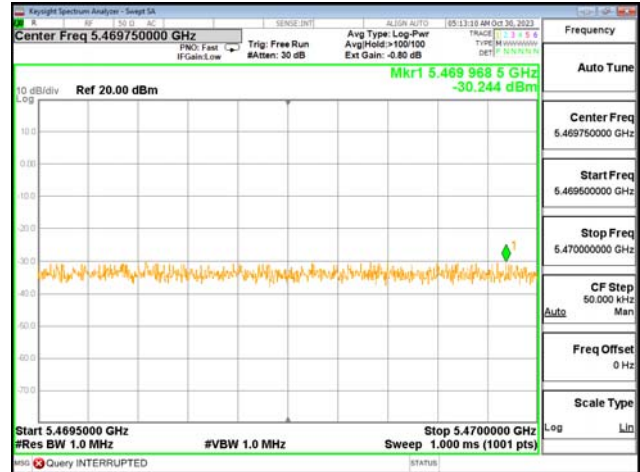
ANT 1

Ch.106: 5 530MHz

5460MHz-5469.5MHz

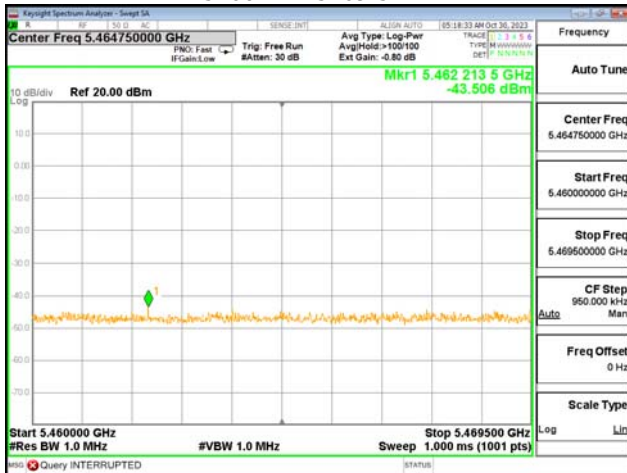


5469.5MHz-5470MHz

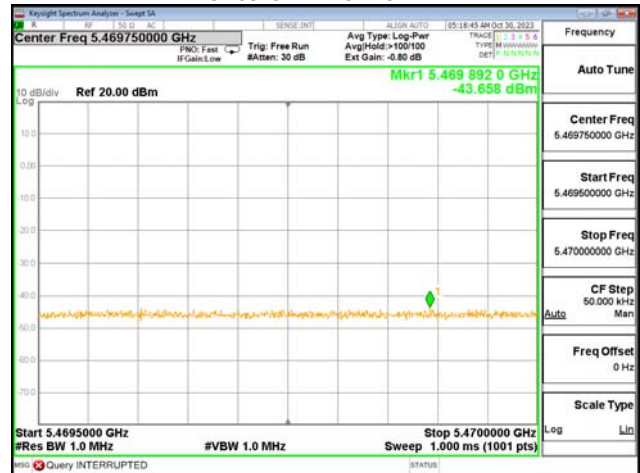


Ch.122: 5 560MHz

5460MHz-5469.5MHz



5469.5MHz-5470MHz



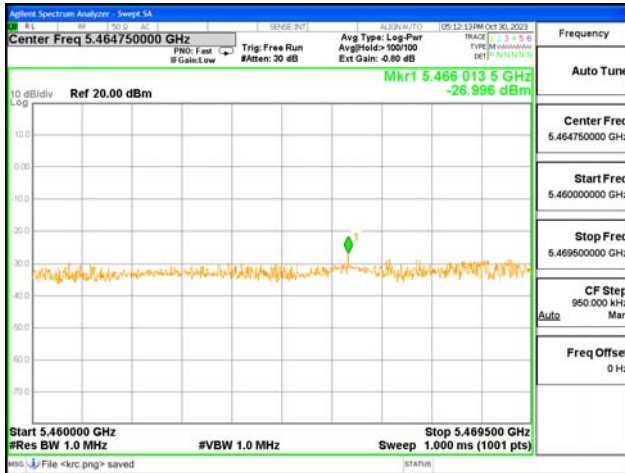


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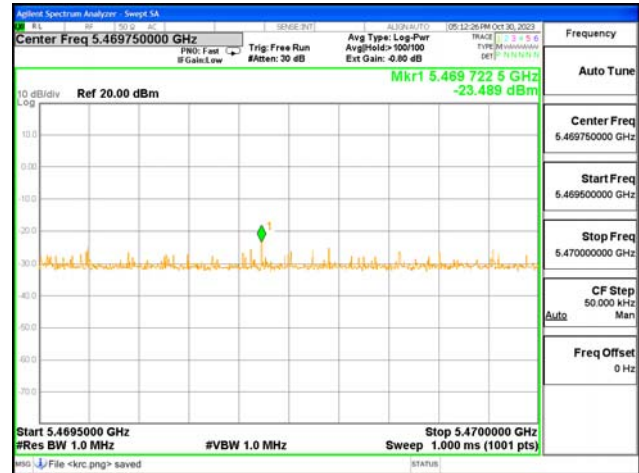
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ANT 2
Ch.106: 5 530MHz

5460MHz-5469.5MHz



5469.5MHz-5470MHz

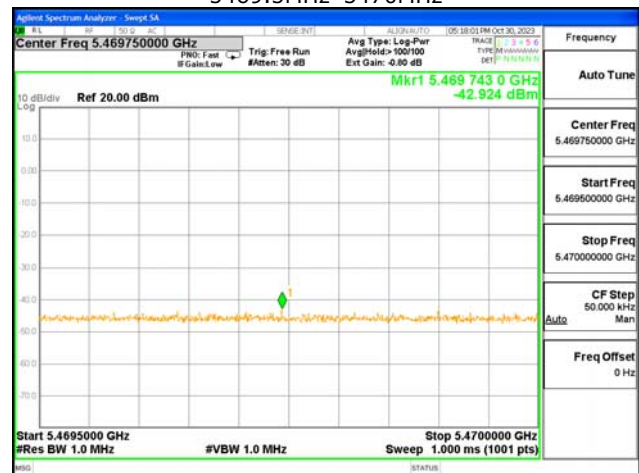


Ch.122: 5 610MHz

5460MHz-5469.5MHz



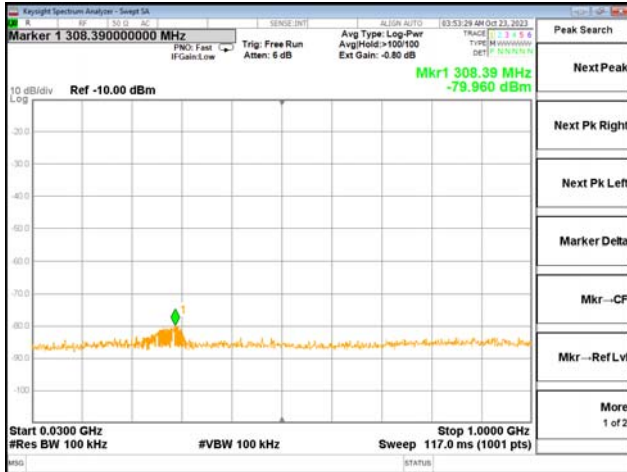
5469.5MHz-5470MHz



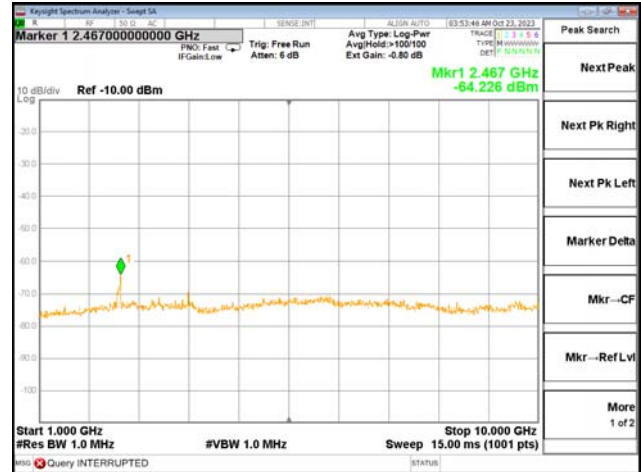
Secondary emitted radio wave strength

ANT 1
Ch.106: 5 530MHz

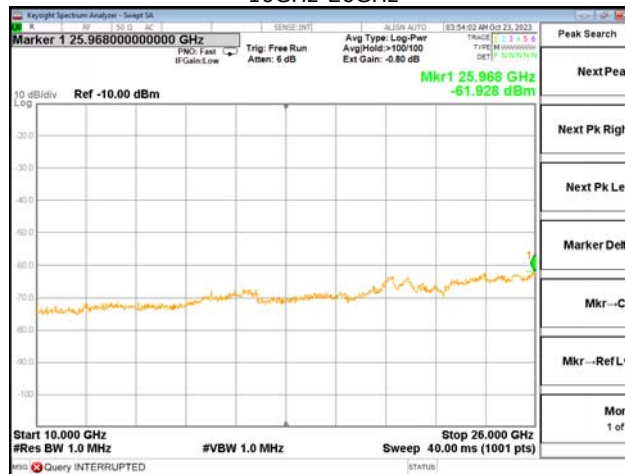
30MHz-1GHz



1GHz-10GHz

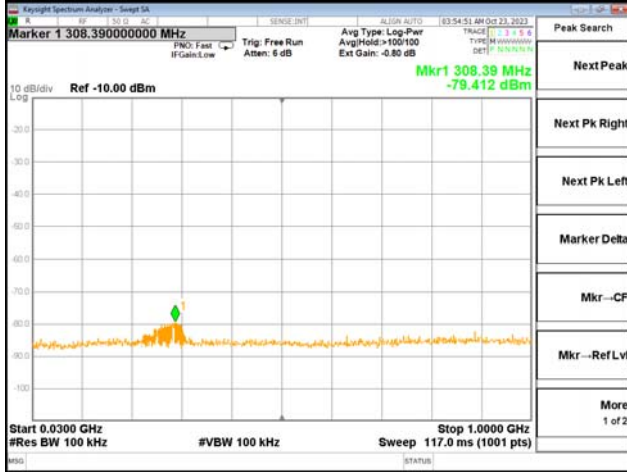


10GHz-26GHz

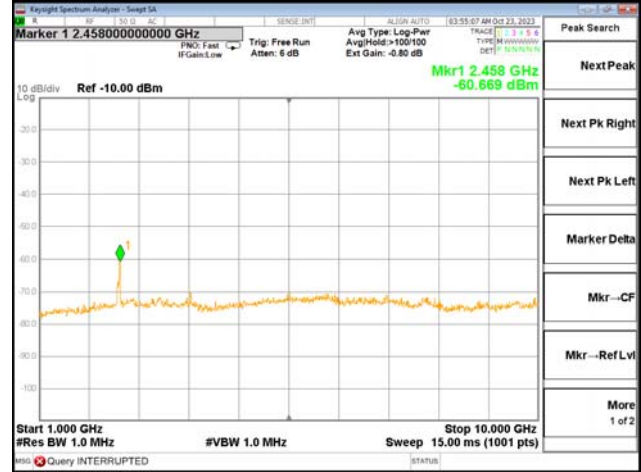


Ch.122: 5 610MHz

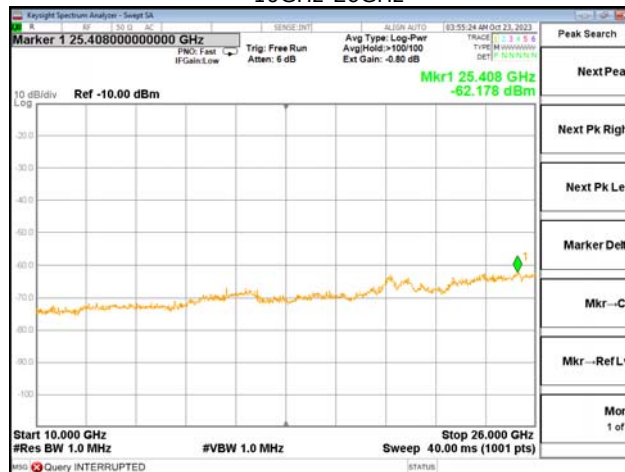
30MHz-1GHz



1GHz-10GHz

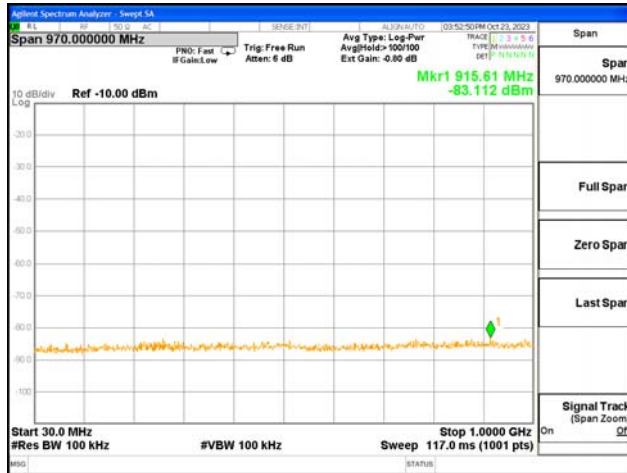


10GHz-26GHz

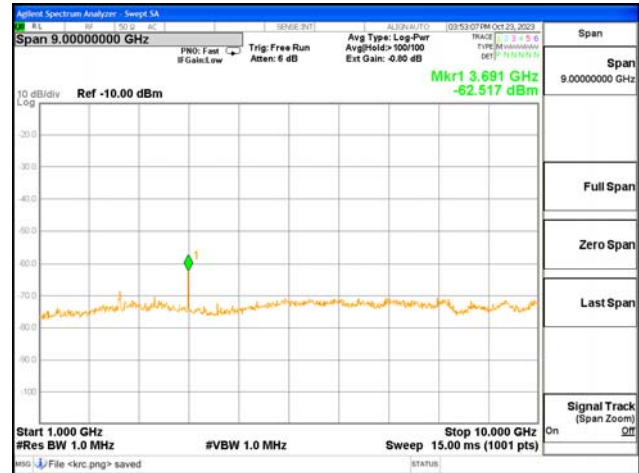


ANT 2
Ch.106: 5 530MHz

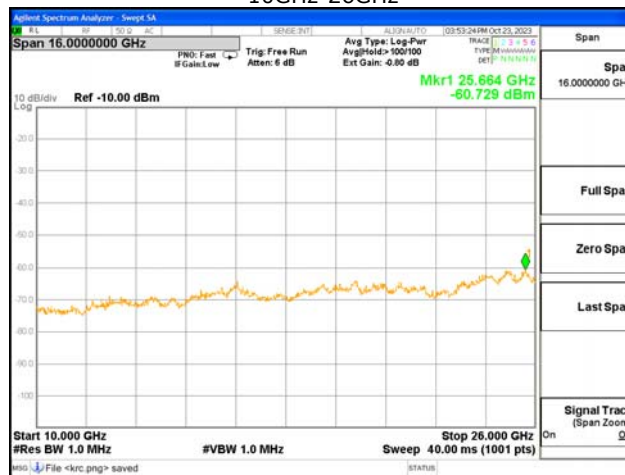
30MHz-1GHz



1GHz-10GHz

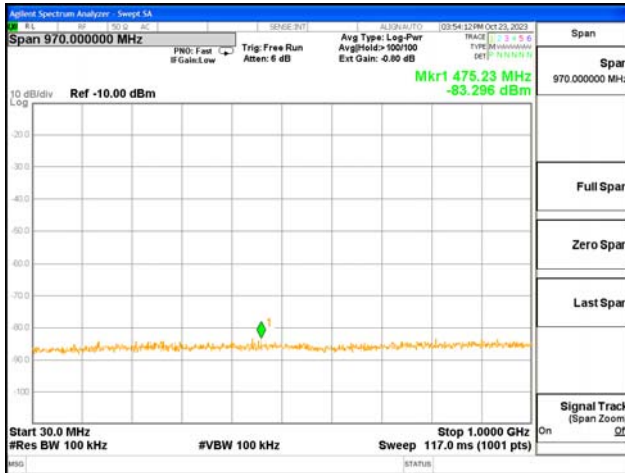


10GHz-26GHz

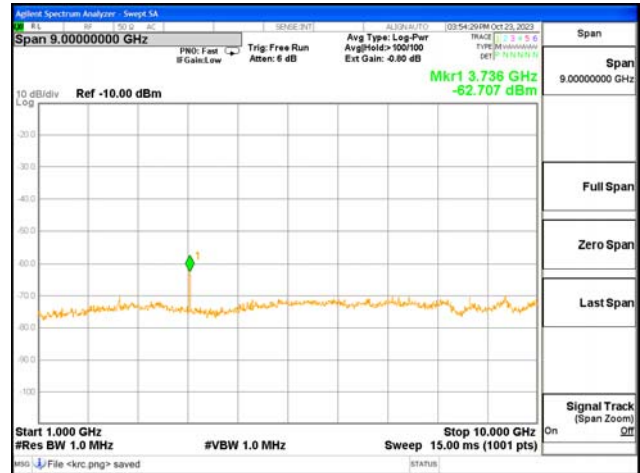


Ch.122: 5 610MHz

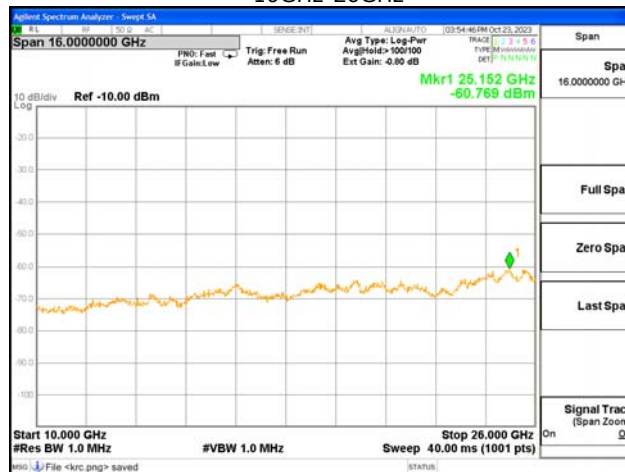
30MHz-1GHz



1GHz-10GHz



10GHz-26GHz



Burst length of transmitted signals

ANT 1



ANT 2



-END-