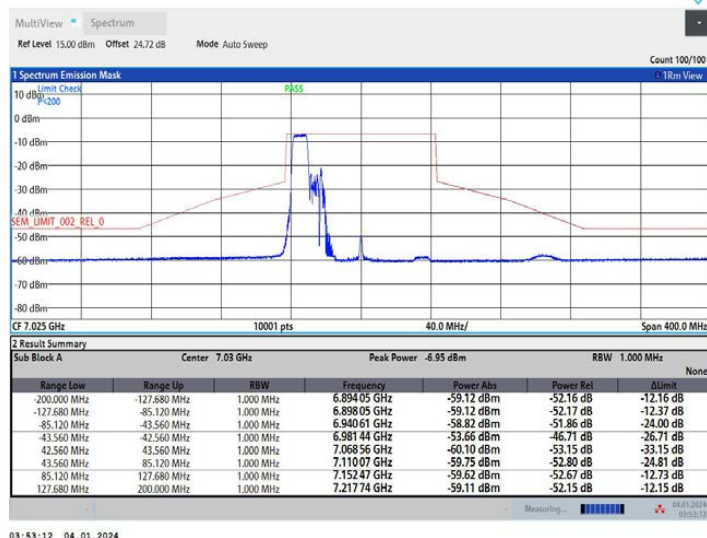
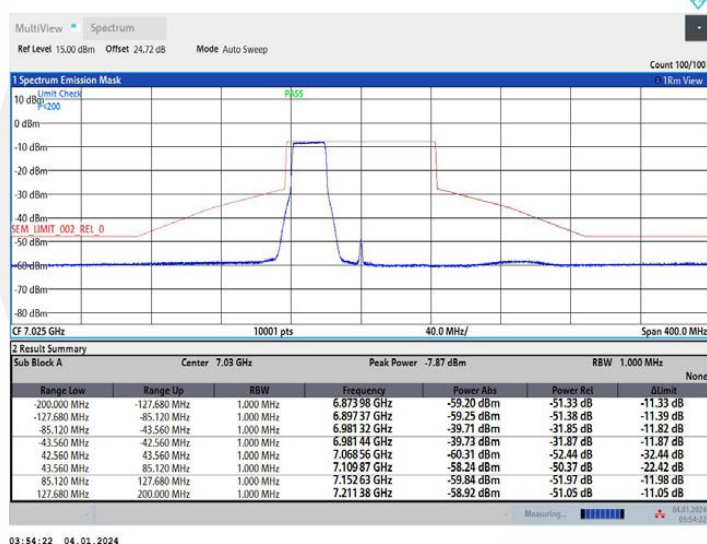
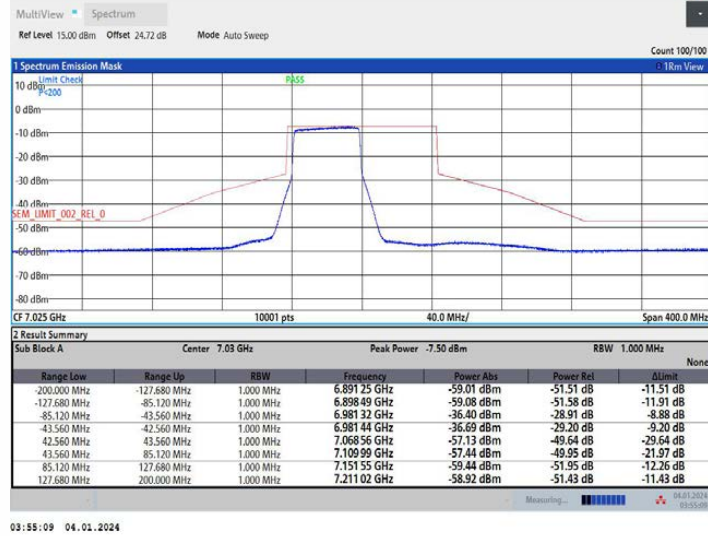




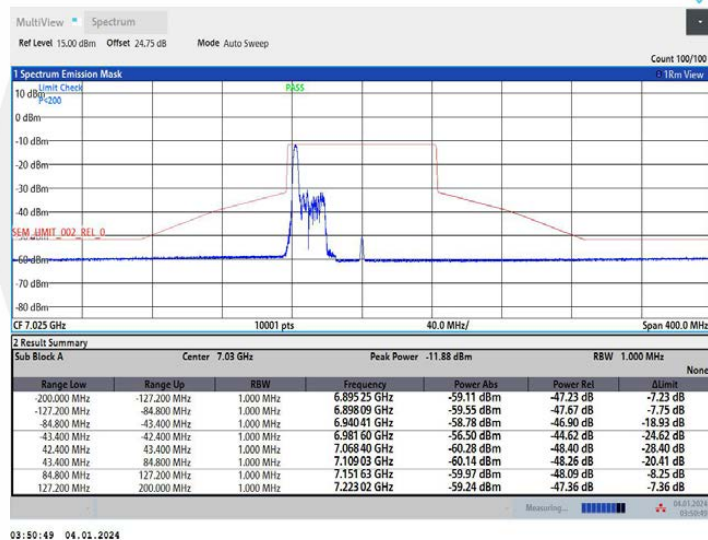
11AX80MIMO_Ant2_7025_242Tone_RU61



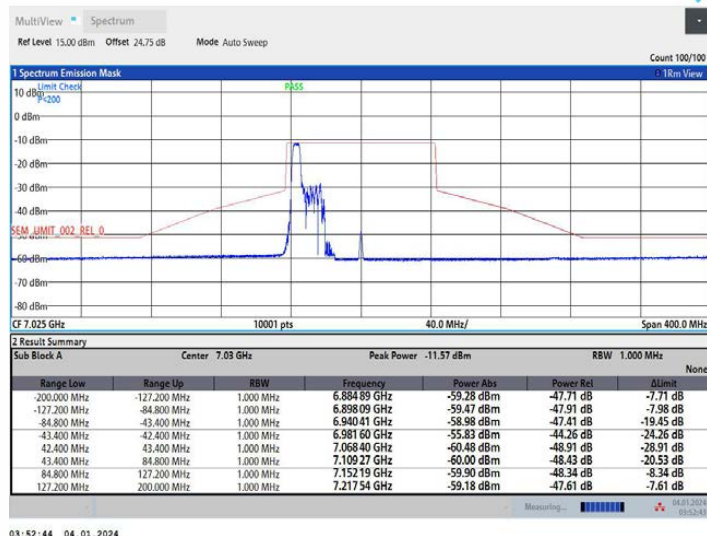
11AX80MIMO_Ant2_7025_484Tone_RU65



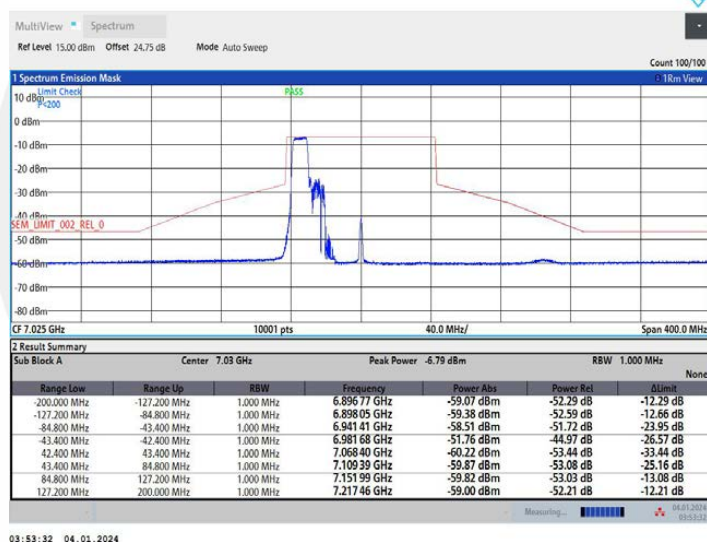
11AX80MIMO Ant1 7025_26Tone RU0



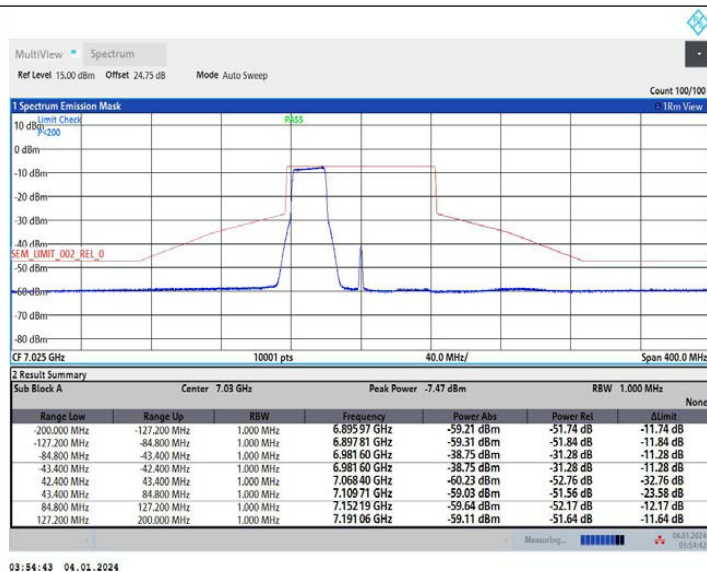
11AX80MIMO Ant1 7025_52Tone RU37



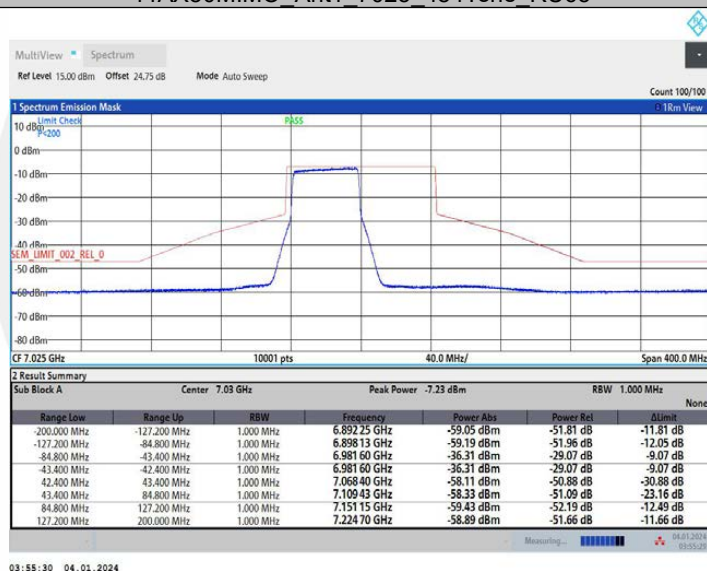
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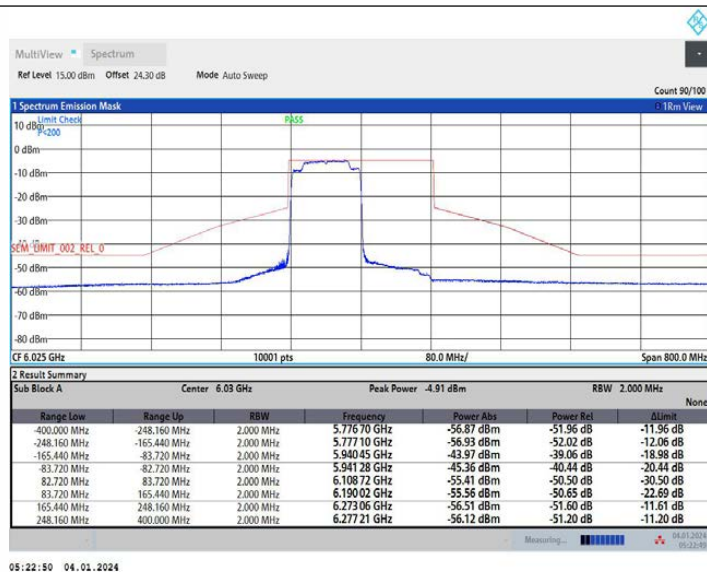
11AX80MIMO_Ant1_7025_242Tone_RU61



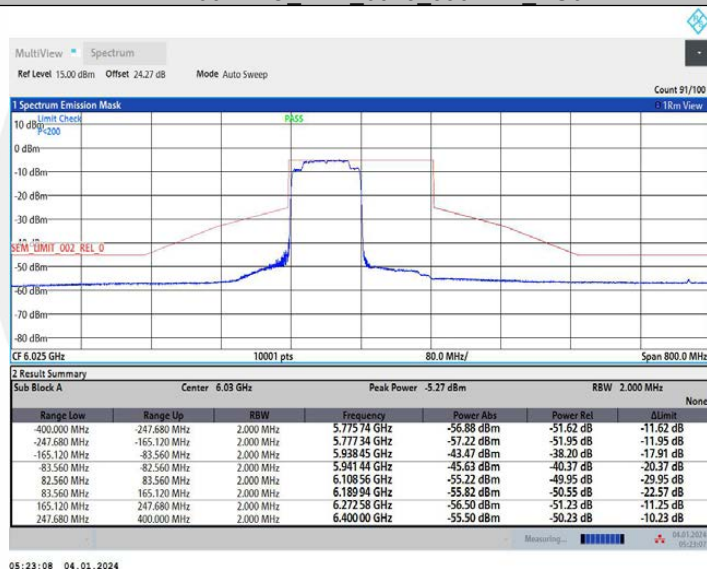
11AX80MIMO Ant1 7025 484Tone RU65



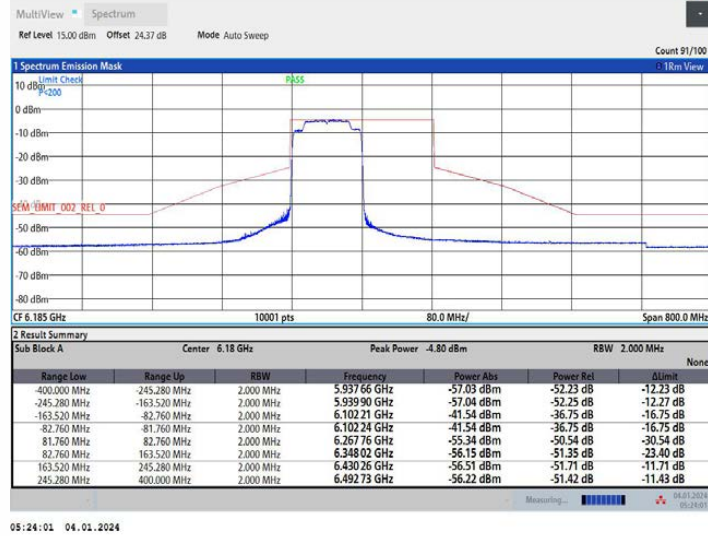
11AX160MIMO Ant2 6025 996Tone RU67



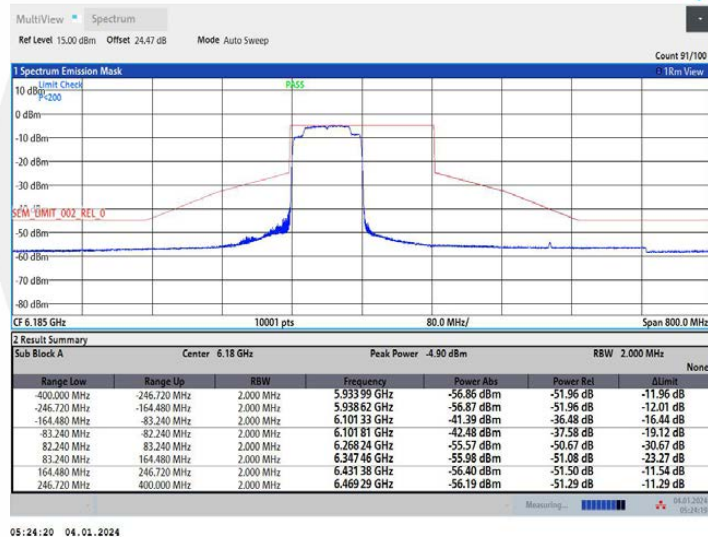
11AX160MIMO Ant1 6025 996Tone_RU67



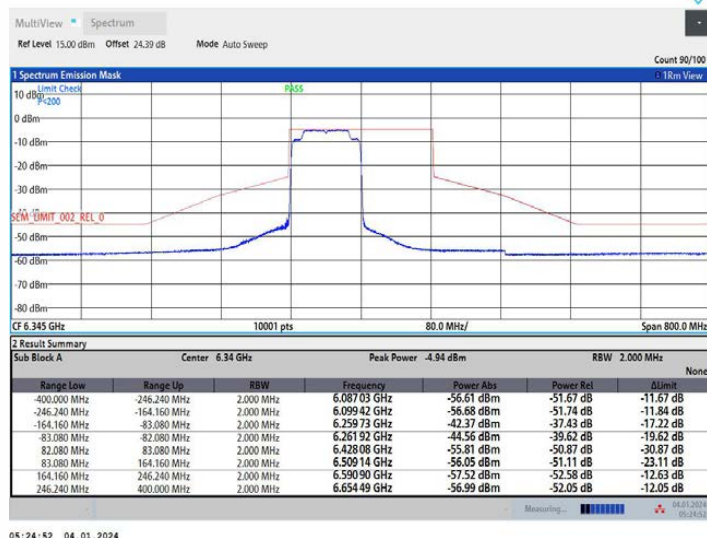
11AX160MIMO Ant2 6185 996Tone_RU67



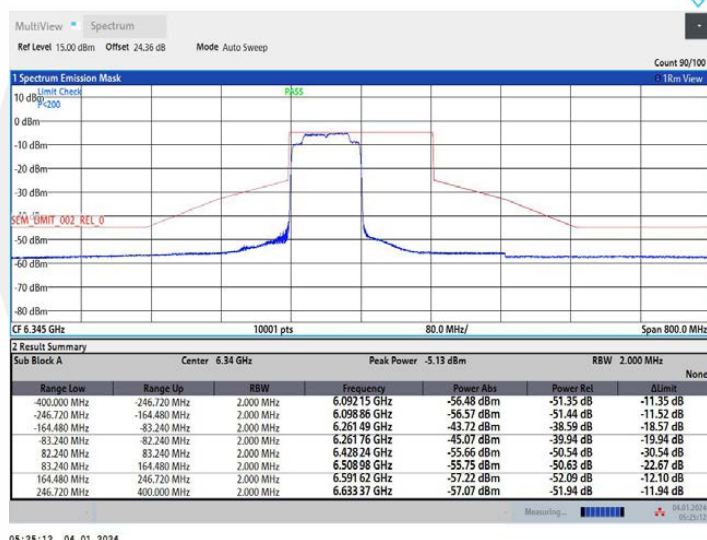
11AX160MIMO Ant1 6185 996Tone_RU67



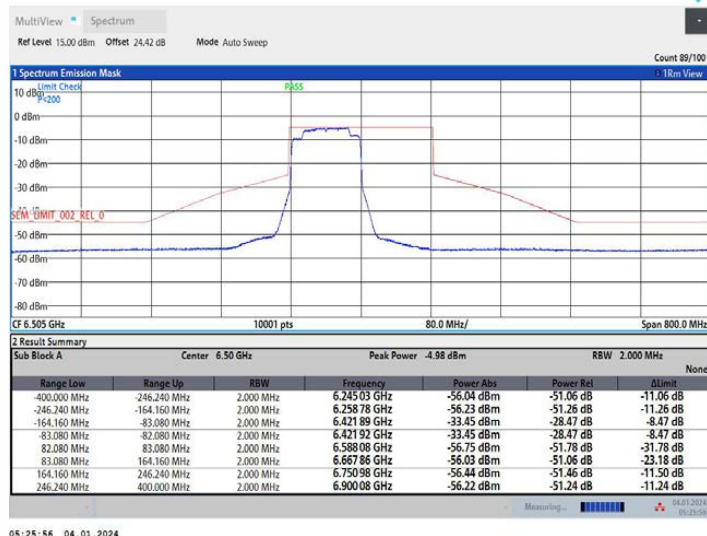
11AX160MIMO Ant2 6345 996Tone_RU67



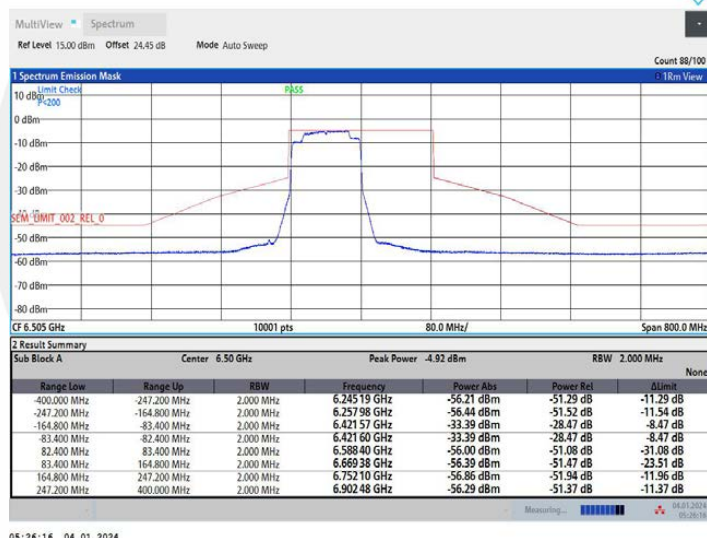
11AX160MIMO Ant1 6345 996Tone_RU67



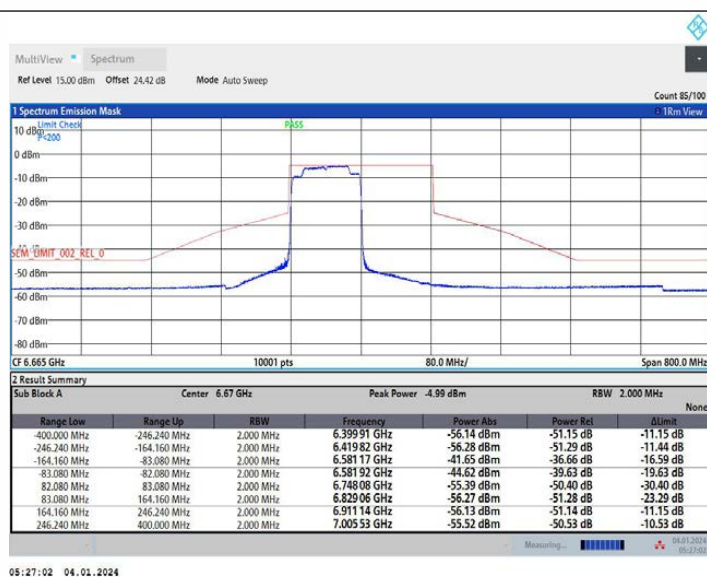
11AX160MIMO Ant2 6505 996Tone_RU67



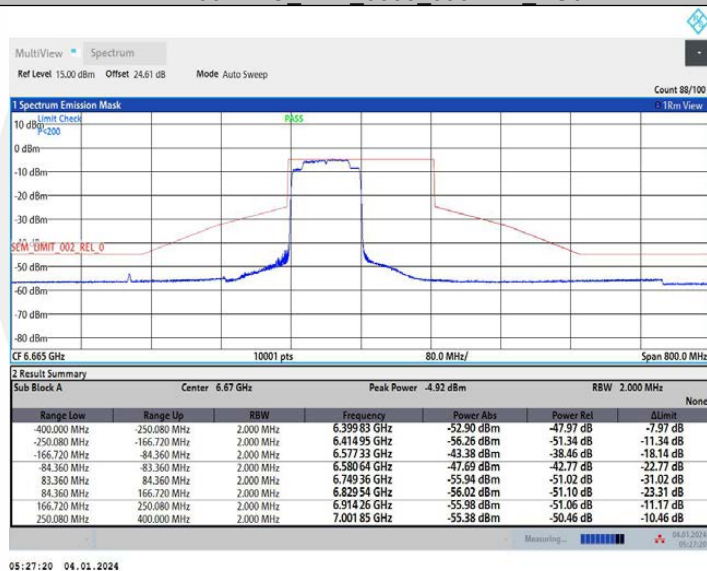
11AX160MIMO Ant1 6505 996Tone_RU67



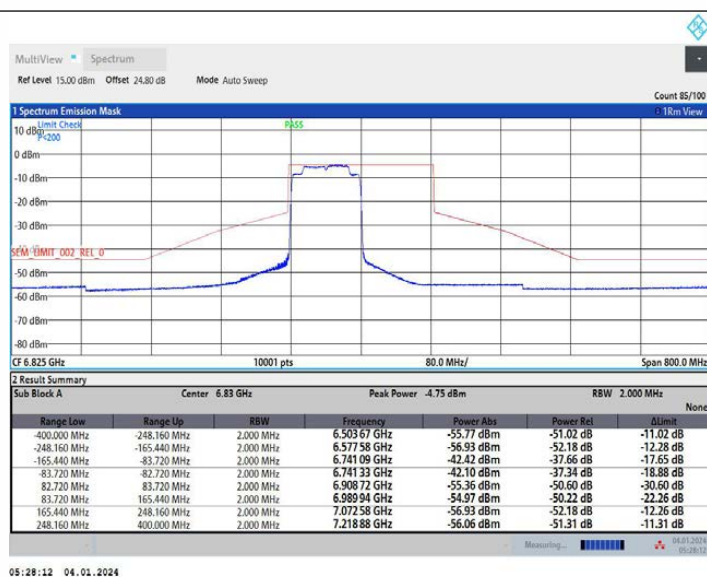
11AX160MIMO Ant2 6665 996Tone_RU67



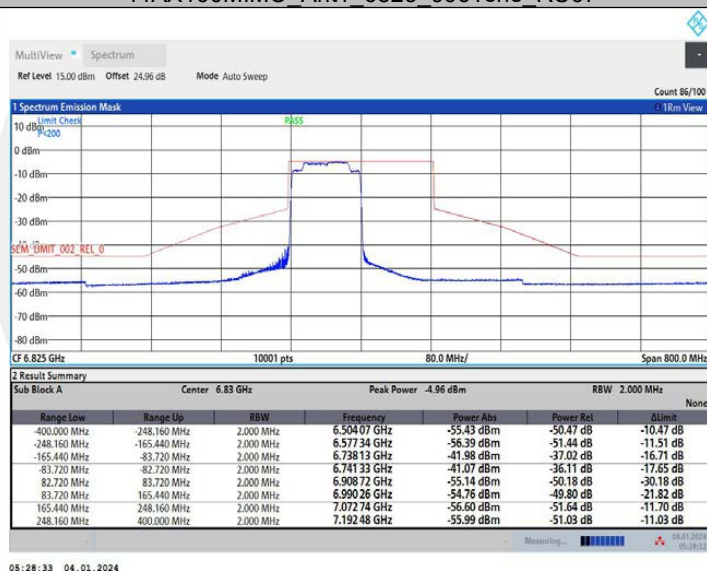
11AX160MIMO Ant1 6665 996Tone_RU67



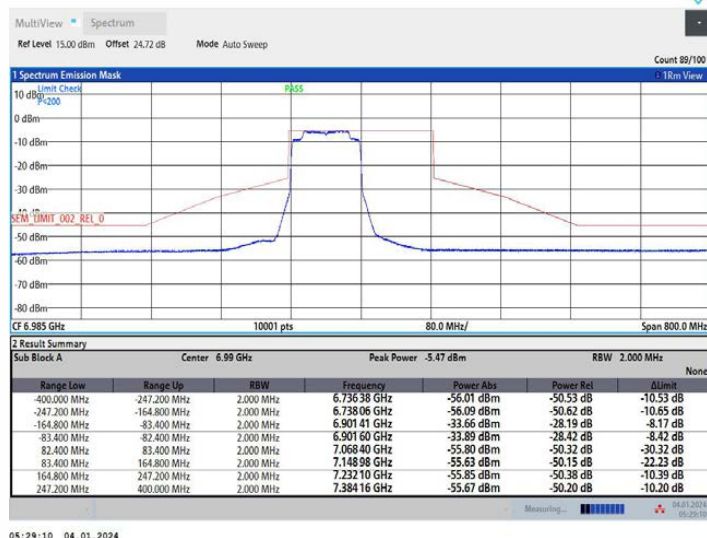
11AX160MIMO Ant2 6825 996Tone_RU67



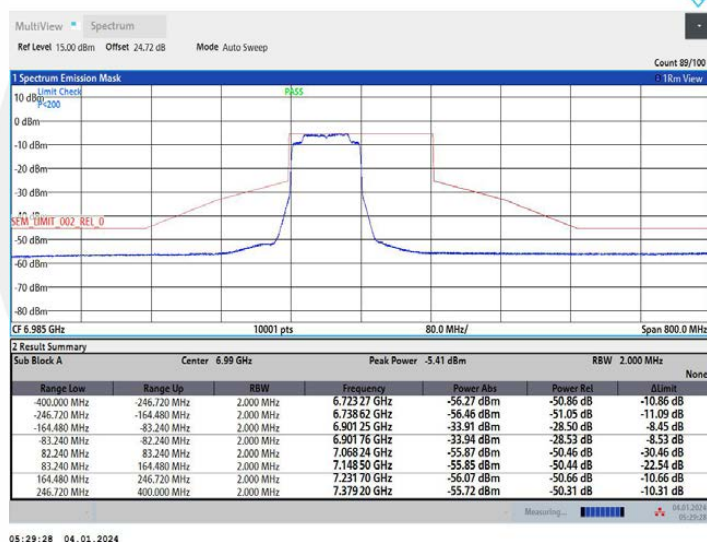
11AX160MIMO Ant1 6825 996Tone_RU67



11AX160MIMO Ant2 6985 996Tone_RU67



11AX160MIMO_Ant1_6985_996Tone_RU67



8.5 CONTENTION BASED PROTOCOL

8.5.1 Applicable Standard

According to FCC Part 15.407(d)
According to 987594 D02 Section II.I
According to RSS-248 4.8

8.5.2 Conformance Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

8.5.3 Test Configuration

a) Simulating Incumbent Signal

The incumbent signal is assumed to be noise-like. One example of such transmission could be Digital Video Broadcasting (DVB) systems that use Orthogonal Frequency Division Multiplexing (OFDM). Incumbent systems may also use different bandwidths for their transmissions. A 10 MHz-wide additive white Gaussian noise (AWGN) signal is selected to simulate and represent incumbent transmission.

b) Required number of tests

Incumbent and EUT (access point, subordinate or client) signals may occupy different portions of the channel. Depending on the EUT transmission bandwidth and incumbent signal center frequency (simulated by a 10 MHz-wide AWGN signal), the center frequency of the EUT signal 1 may fall within the incumbent's occupied bandwidth, or outside of it.

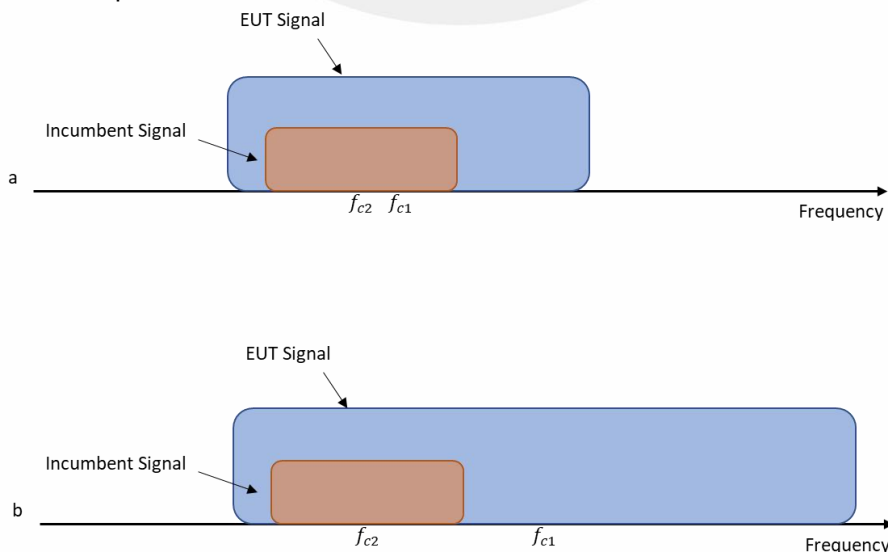


Figure. Two possible scenarios where a) center frequency of EUT transmission falls within

incumbent's bandwidth, or b) outside of it

To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency f_c) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table determines how many times the detection threshold test must be performed;

Table. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions (f_c)
$BW_{Inc} \leq BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} \leq BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:

BW_{EUT} : Transmission bandwidth of EUT signal

BW_{Inc} : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

1: Center frequency of EUT transmission

2: Center frequency of simulated incumbent signal

8.5.4 Test Procedure

To ensure the EUT is capable of detecting co-channel energy, the first step is to configure the EUT to transmit with a constant duty cycle. To simulate an incumbent signal, a signal generator (or similar source) that is capable of generating band-limited additive white Gaussian noise (AWGN) is required. Depending on the EUT antenna configuration, the AWGN signal can be provided to the EUT receiver via a conducted method (Figure). Figure shows the conducted test setup where a band-limited AWGN signal is generated at a very low power level and injected into the EUT's antenna port. The AWGN signal power level is then incrementally increased while the EUT transmission is monitored on a signal analyzer 2 to verify if the EUT can sense the AWGN signal and can subsequently cease its transmission. A triggered measurement, as shown in Figure, is optional, and assists with determining the time it takes the EUT to cease transmission (or vacate the channel) upon detecting RF energy. If the EUT has only one antenna port, then an AWGN signal source can be connected to the same antenna port.

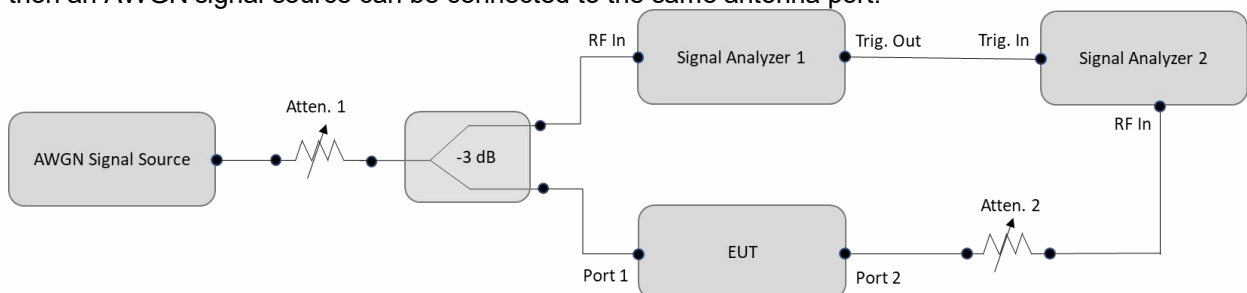


Figure. Contention-based protocol test setup, conducted method Step-by-Step Procedure,

Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

8.5.5 Test Results

PASS

Temperature :	25°C	ATM Pressure:	1011 mbar
Humidity :	60 %	Test Engineer:	XXH

Test Mode	Antenna Gain [dBi]	Channel	Interference Frequency [MHz]		EUT Tx Status	Injected (AWGN) Power [dBm]	Path loss [dB]	Adjusted Level [dBm]	Detection Limit [dBm]	Margin [dB]	Detection Rate		Verdict
											Result [%]	Limit [%]	
11AX160	0.8	6025	Low	5950	Ceased	-62.30	0	-63.10	-62	1.10	100	90	PASS
11AX160	0.8	6025	Low	5950	Minimal	-63.43	0	-64.23	-62	---	---	---	---
11AX160	0.8	6025	Low	5950	Normal	-67.00	0	-67.80	-62	---	---	---	---
11AX160	0.8	6025	Center	6025	Ceased	-62.57	0	-63.37	-62	1.37	100	90	PASS
11AX160	0.8	6025	Center	6025	Minimal	-63.25	0	-64.05	-62	---	---	---	---
11AX160	0.8	6025	Center	6025	Normal	-67.00	0	-67.80	-62	---	---	---	---
11AX160	0.8	6025	High	6100	Ceased	-63.53	0	-64.33	-62	2.33	100	90	PASS
11AX160	0.8	6025	High	6100	Minimal	-64.68	0	-65.48	-62	---	---	---	---
11AX160	0.8	6025	High	6100	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX160	0.8	6505	Low	6430	Ceased	-62.67	0	-63.47	-62	1.47	100	90	PASS
11AX160	0.8	6505	Low	6430	Minimal	-63.69	0	-64.49	-62	---	---	---	---
11AX160	0.8	6505	Low	6430	Normal	-67.00	0	-67.80	-62	---	---	---	---
11AX160	0.8	6505	Center	6505	Ceased	-62.60	0	-63.40	-62	1.40	100	90	PASS
11AX160	0.8	6505	Center	6505	Minimal	-63.90	0	-64.70	-62	---	---	---	---
11AX160	0.8	6505	Center	6505	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX160	0.8	6505	High	6580	Ceased	-62.61	0	-63.41	-62	1.41	100	90	PASS
11AX160	0.8	6505	High	6580	Minimal	-63.84	0	-64.64	-62	---	---	---	---
11AX160	0.8	6505	High	6580	Normal	-69.00	0	-69.80	-62	---	---	---	---
11AX160	0.8	6665	Low	6590	Ceased	-61.84	0	-62.64	-62	0.64	100	90	PASS
11AX160	0.8	6665	Low	6590	Minimal	-63.10	0	-63.90	-62	---	---	---	---
11AX160	0.8	6665	Low	6590	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX160	0.8	6665	Center	6665	Ceased	-62.21	0	-63.01	-62	1.01	100	90	PASS
11AX160	0.8	6665	Center	6665	Minimal	-63.19	0	-63.99	-62	---	---	---	---
11AX160	0.8	6665	Center	6665	Normal	-67.00	0	-67.80	-62	---	---	---	---
11AX160	0.8	6665	High	6740	Ceased	-62.74	0	-63.54	-62	1.54	100	90	PASS
11AX160	0.8	6665	High	6740	Minimal	-64.27	0	-65.07	-62	---	---	---	---
11AX160	0.8	6665	High	6740	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX160	0.8	6985	Low	6910	Ceased	-62.82	0	-63.62	-62	1.62	100	90	PASS
11AX160	0.8	6985	Low	6910	Minimal	-63.97	0	-64.77	-62	---	---	---	---
11AX160	0.8	6985	Low	6910	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX160	0.8	6985	Center	6985	Ceased	-62.28	0	-63.08	-62	1.08	100	90	PASS
11AX160	0.8	6985	Center	6985	Minimal	-63.49	0	-64.29	-62	---	---	---	---
11AX160	0.8	6985	Center	6985	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX160	0.8	6985	High	7060	Ceased	-62.12	0	-62.92	-62	0.92	100	90	PASS
11AX160	0.8	6985	High	7060	Minimal	-63.88	0	-64.68	-62	---	---	---	---
11AX160	0.8	6985	High	7060	Normal	-67.00	0	-67.80	-62	---	---	---	---
11AX20	0.8	5975	Center	5975	Ceased	-63.50	0	-64.30	-62	2.30	100	90	PASS
11AX20	0.8	5975	Center	5975	Minimal	-64.92	0	-65.72	-62	---	---	---	---
11AX20	0.8	5975	Center	5975	Normal	-69.00	0	-69.80	-62	---	---	---	---
11AX20	0.8	6455	Center	6455	Ceased	-62.88	0	-63.68	-62	1.68	100	90	PASS
11AX20	0.8	6455	Center	6455	Minimal	-64.16	0	-64.96	-62	---	---	---	---
11AX20	0.8	6455	Center	6455	Normal	-68.00	0	-68.80	-62	---	---	---	---
11AX20	0.8	6535	Center	6535	Ceased	-64.01	0	-64.81	-62	2.81	100	90	PASS
11AX20	0.8	6535	Center	6535	Minimal	-65.26	0	-66.06	-62	---	---	---	---
11AX20	0.8	6535	Center	6535	Normal	-70.00	0	-70.80	-62	---	---	---	---
11AX20	0.8	6935	Center	6935	Ceased	-63.24	0	-64.04	-62	2.04	100	90	PASS
11AX20	0.8	6935	Center	6935	Minimal	-64.53	0	-65.33	-62	---	---	---	---
11AX20	0.8	6935	Center	6935	Normal	-68.00	0	-67.20	-62	---	---	---	---

Note 1: Margin = Detection Limit - Adjusted Power

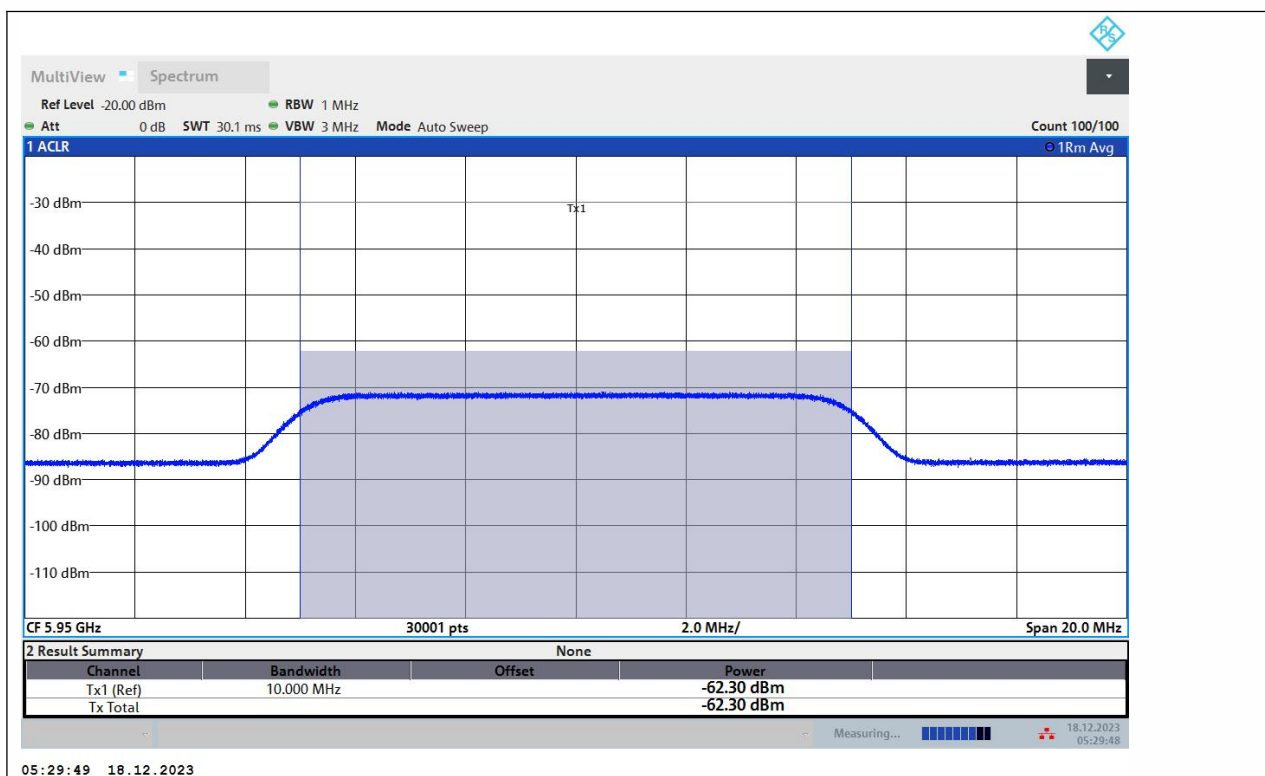
Note 2: Adjusted Power= Injected AWGN Power - Antenna Gain + Path Loss

Note 3: The device does not use channel puncturing and bandwidth reduction for the purpose of incumbent avoidance.

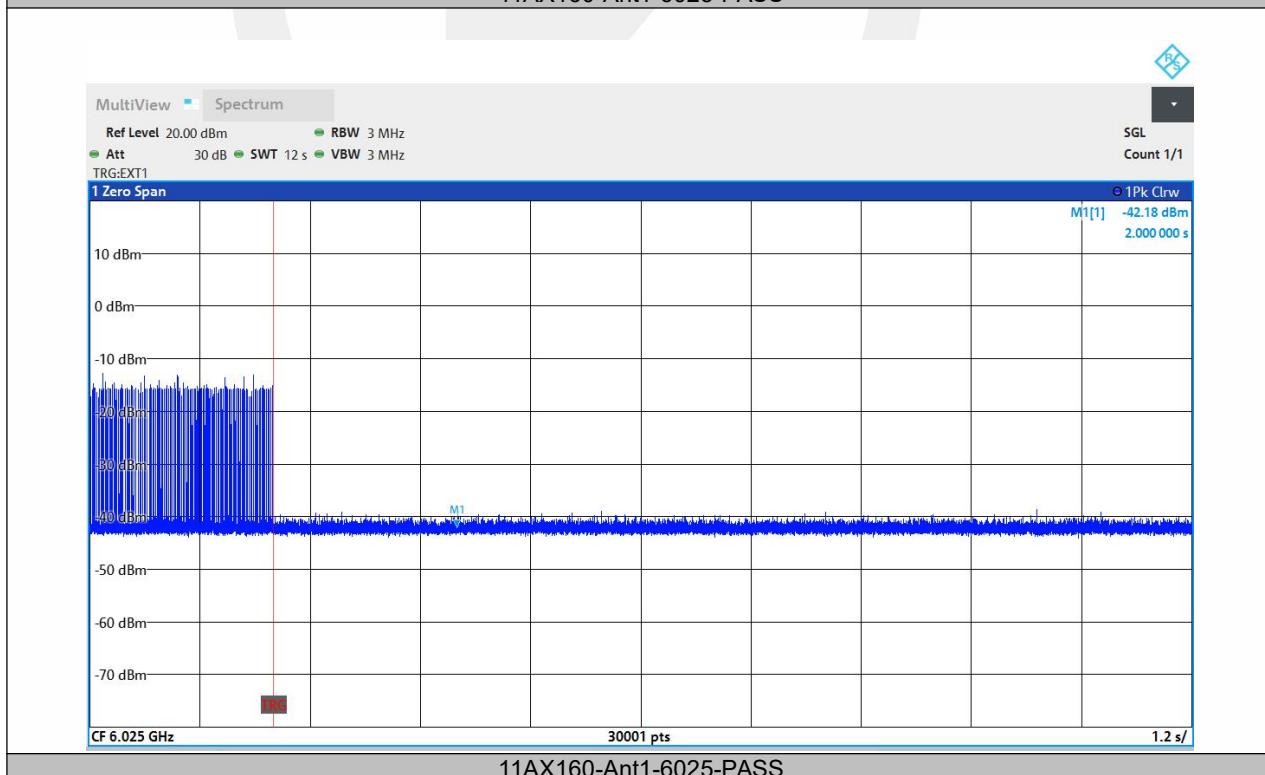
Test Mode	Antenna Gain [dBi]	Channel	Interference Frequency [MHz]	Injected (AWGN) Power [dBm]	EUT Tx Status	1	2	3	4	5	6	7	8	9	10	Detection Probability [%]	Limit [%]	Verdict
11AX160	0.8	6025	Low	5950	-62.30	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6025	Low	5950	-63.43	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6025	Low	5950	-67.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6025	Center	6025	-62.57	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6025	Center	6025	-63.25	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6025	Center	6025	-67.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6025	High	6100	-63.53	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6025	High	6100	-64.68	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6025	High	6100	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6505	Low	6430	-62.67	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6505	Low	6430	-63.69	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6505	Low	6430	-67.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6505	Center	6505	-62.60	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6505	Center	6505	-63.90	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6505	Center	6505	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6505	High	6580	-62.61	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6505	High	6580	-63.84	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6505	High	6580	-69.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6665	Low	5950	-61.84	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6665	Low	5950	-63.10	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6665	Low	5950	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6665	Center	6665	-62.21	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6665	Center	6665	-63.19	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6665	Center	6665	-67.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6665	High	6740	-62.74	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6665	High	6740	-64.27	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6665	High	6740	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6985	Low	6910	-62.82	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6985	Low	6910	-63.97	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6985	Low	6910	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6985	Center	6985	-62.28	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6985	Center	6985	-63.49	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6985	Center	6985	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6985	High	7060	-62.12	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX160	0.8	6985	High	7060	-63.88	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX160	0.8	6985	High	7060	-67.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	5975	Center	5975	-63.50	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX20	0.8	5975	Center	5975	-64.92	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	5975	Center	5975	-69.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	6455	Center	6455	-62.88	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX20	0.8	6455	Center	6455	-64.16	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	6455	Center	6455	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	6535	Center	6535	-64.01	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX20	0.8	6535	Center	6535	-65.26	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	6535	Center	6535	-70.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	6935	Center	6935	-63.24	Ceased	√	√	√	√	√	√	√	√	√	100	90	PASS
11AX20	0.8	6935	Center	6935	-64.53	Minimal	-	-	-	-	-	-	-	-	-	0	---	---
11AX20	0.8	6935	Center	6935	-68.00	Normal	-	-	-	-	-	-	-	-	-	0	---	---

Note 1: CBP Detection Trials (√=Detection, ×=No Detection).

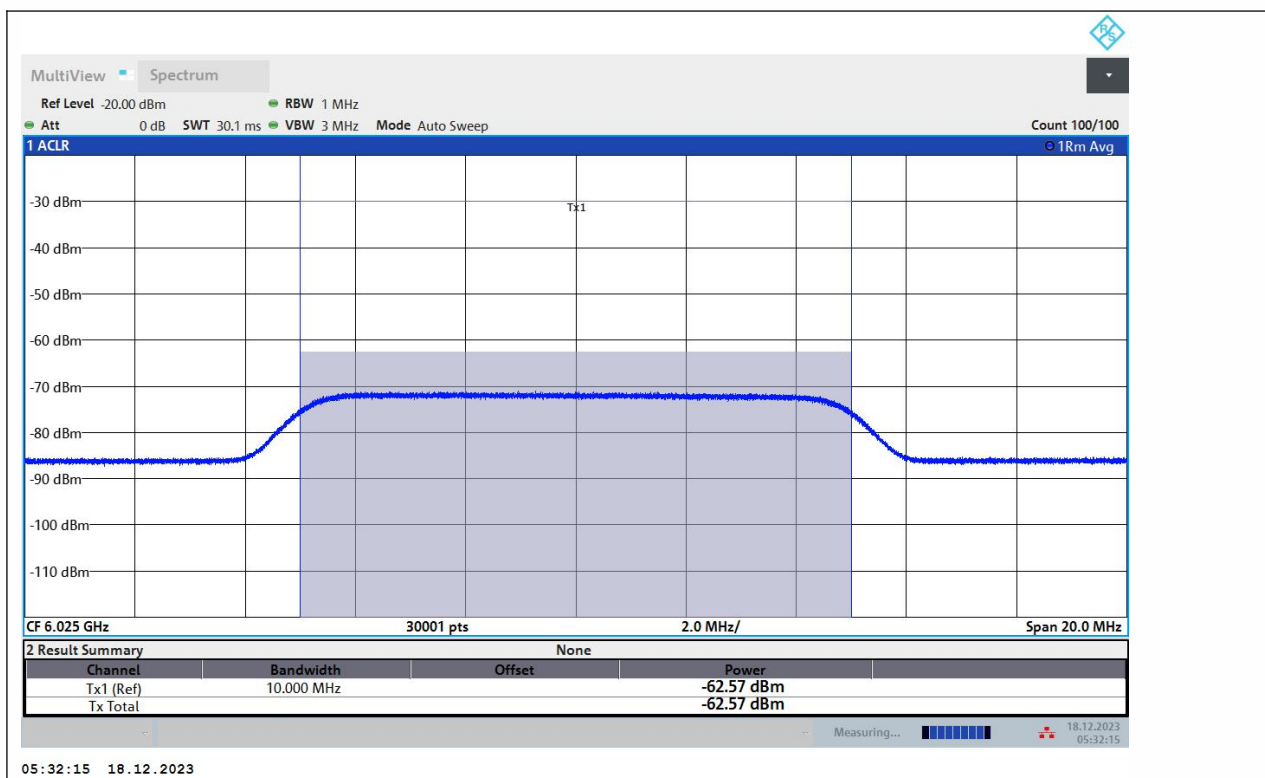
Note 2: The device does not use channel puncturing and bandwidth reduction for the purpose of incumbent avoidance.



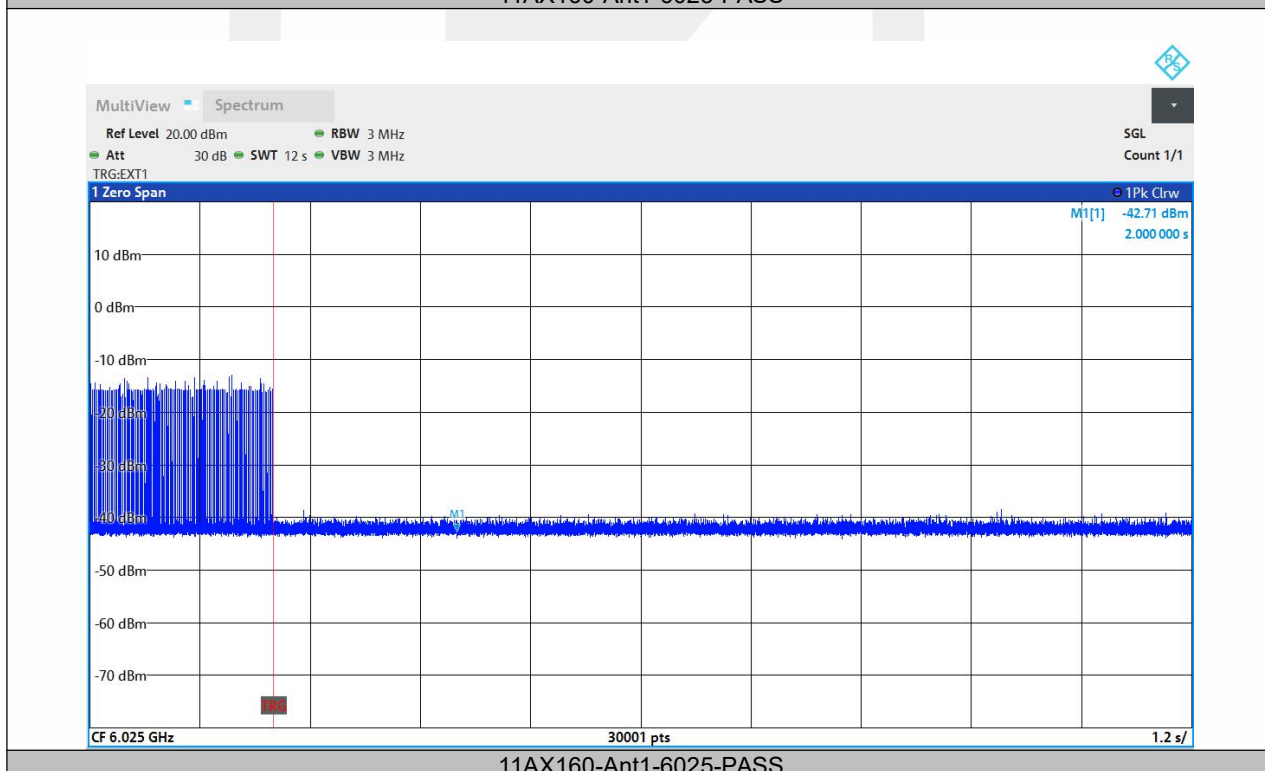
11AX160-Ant1-6025-PASS



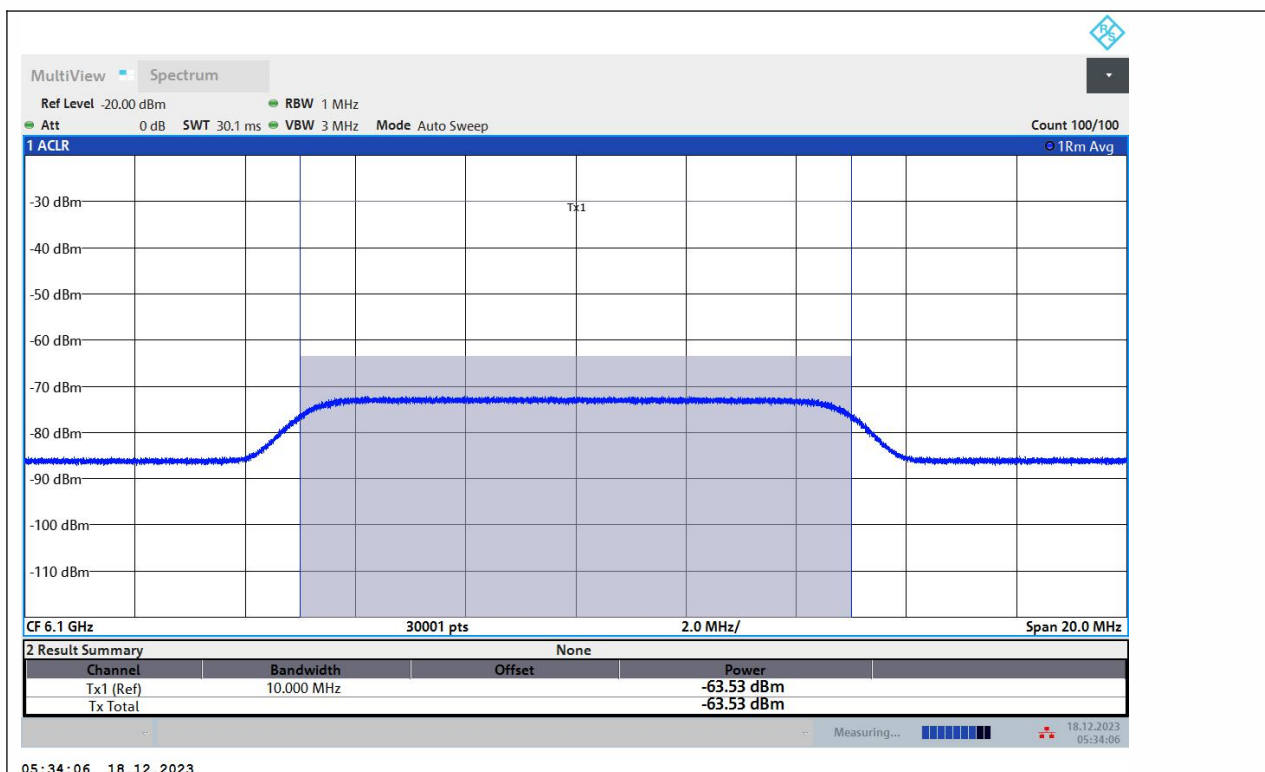
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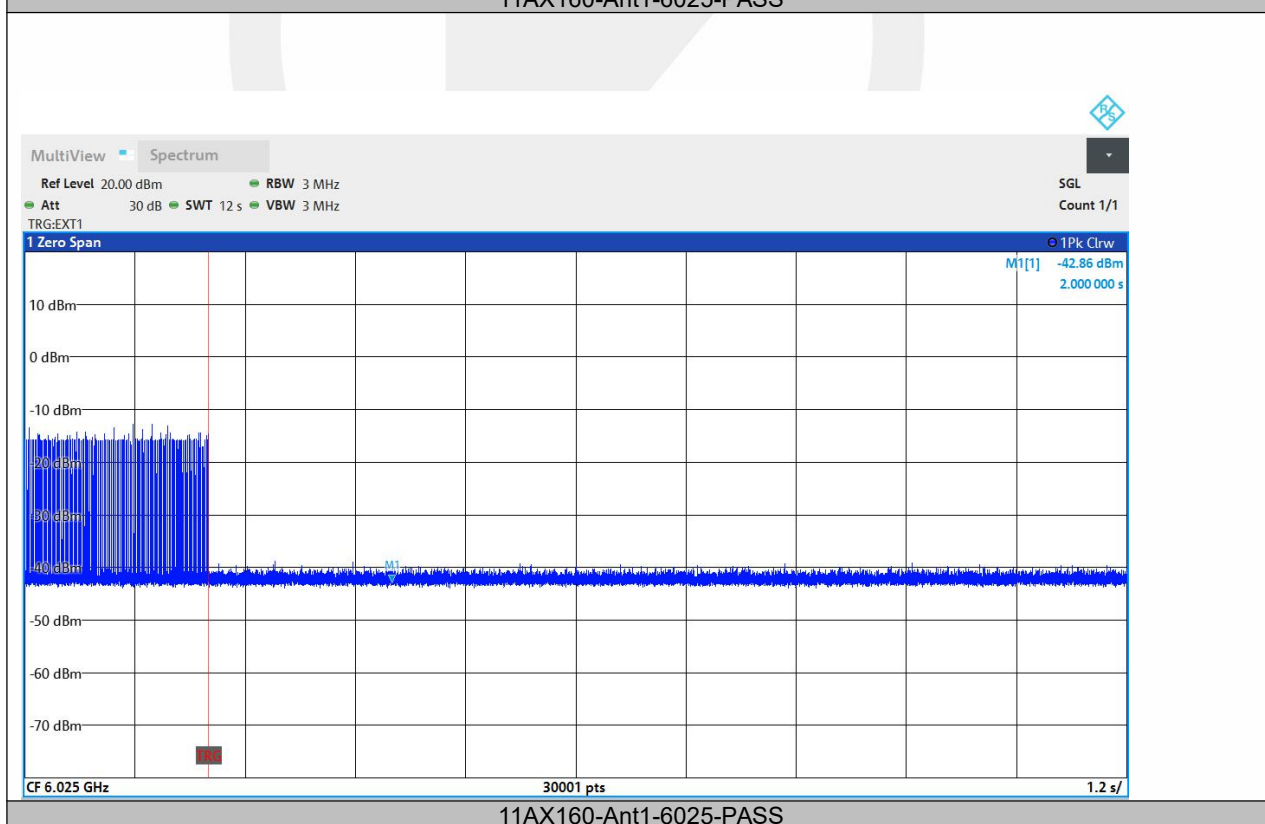
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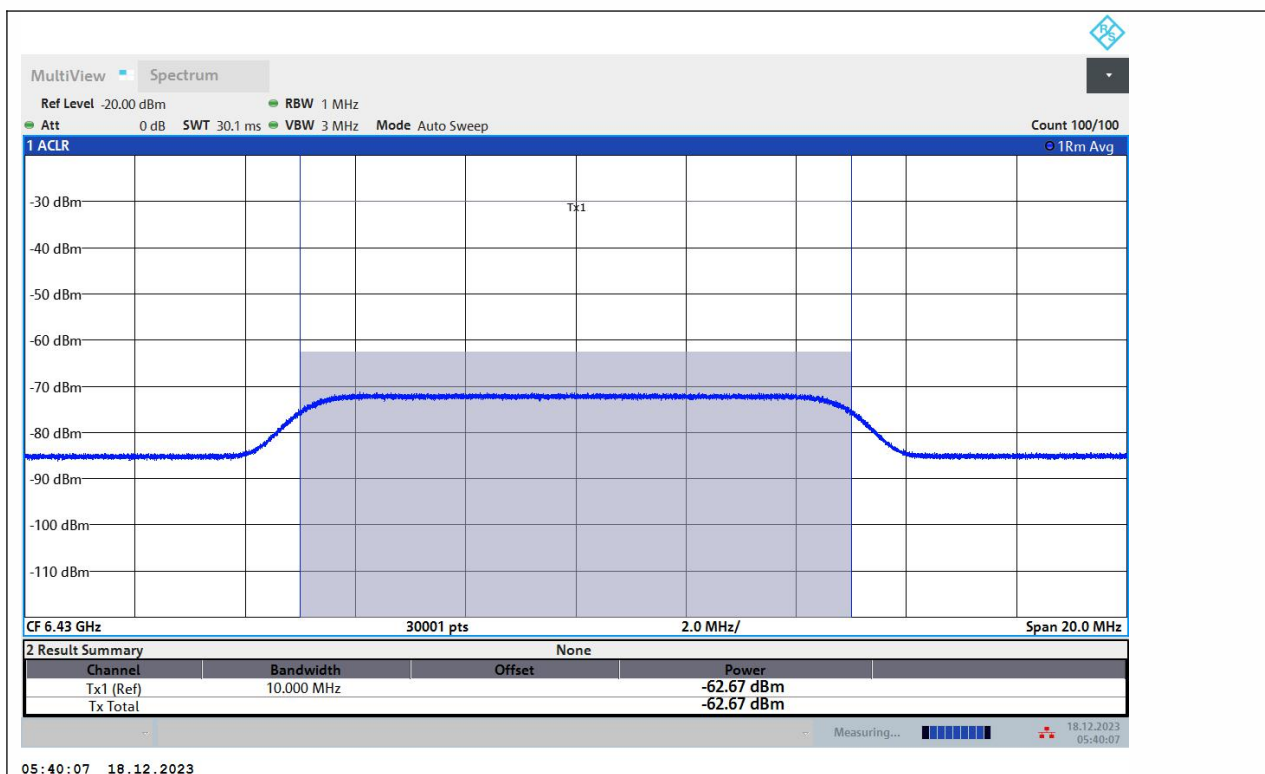


11AX160-Ant1-6025-PASS

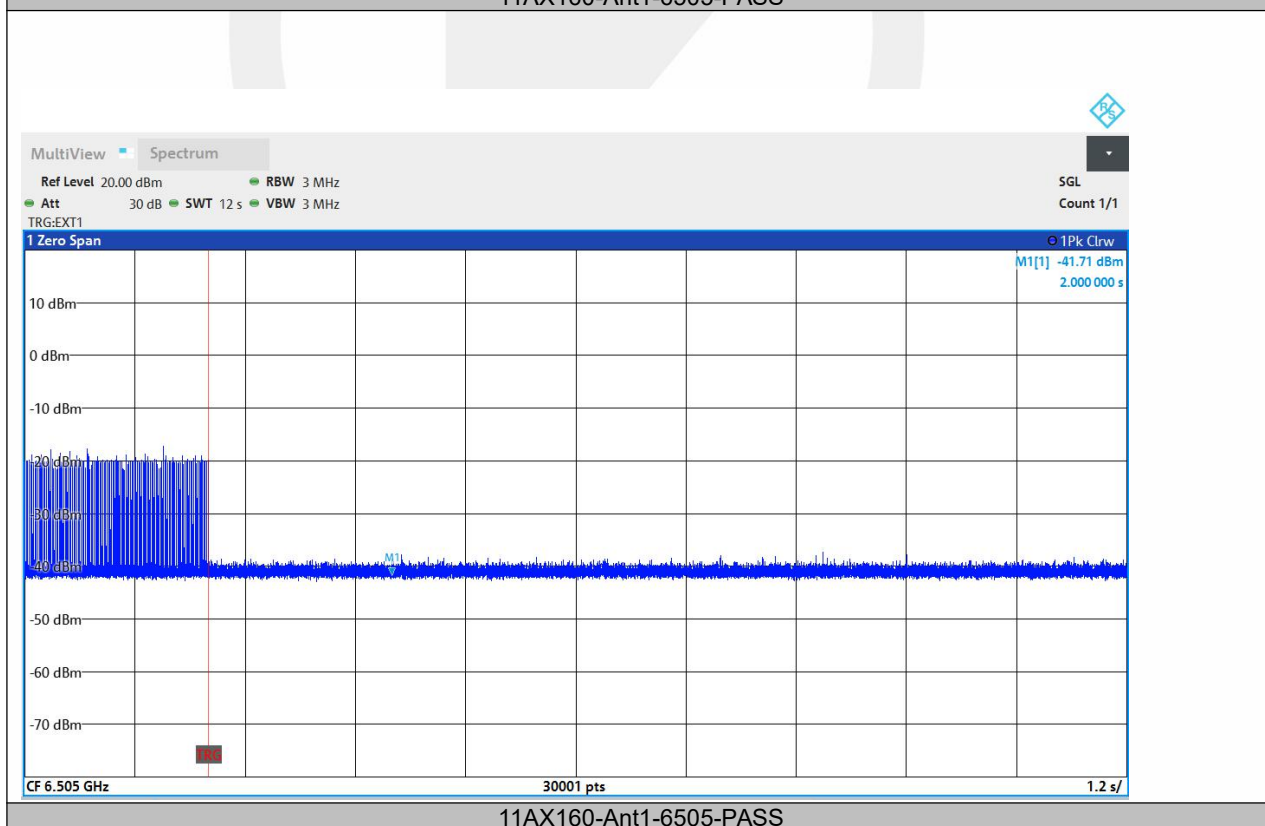


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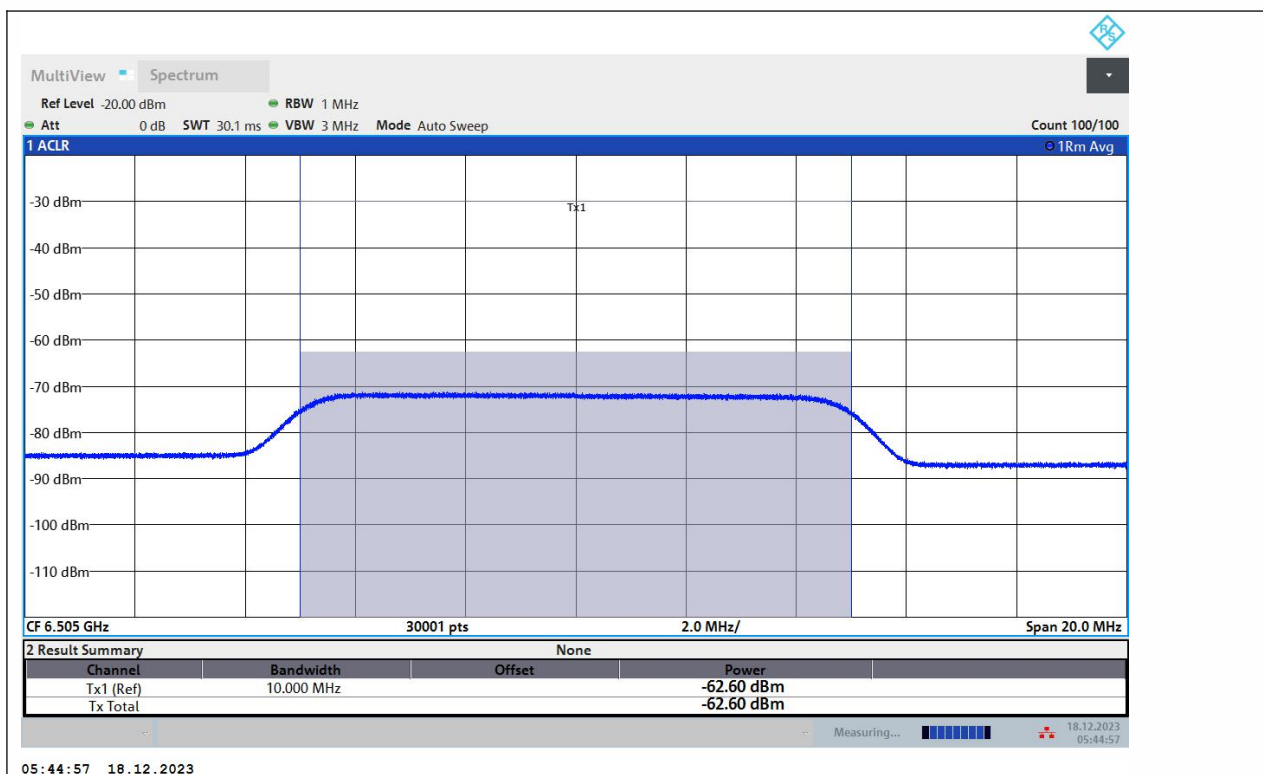




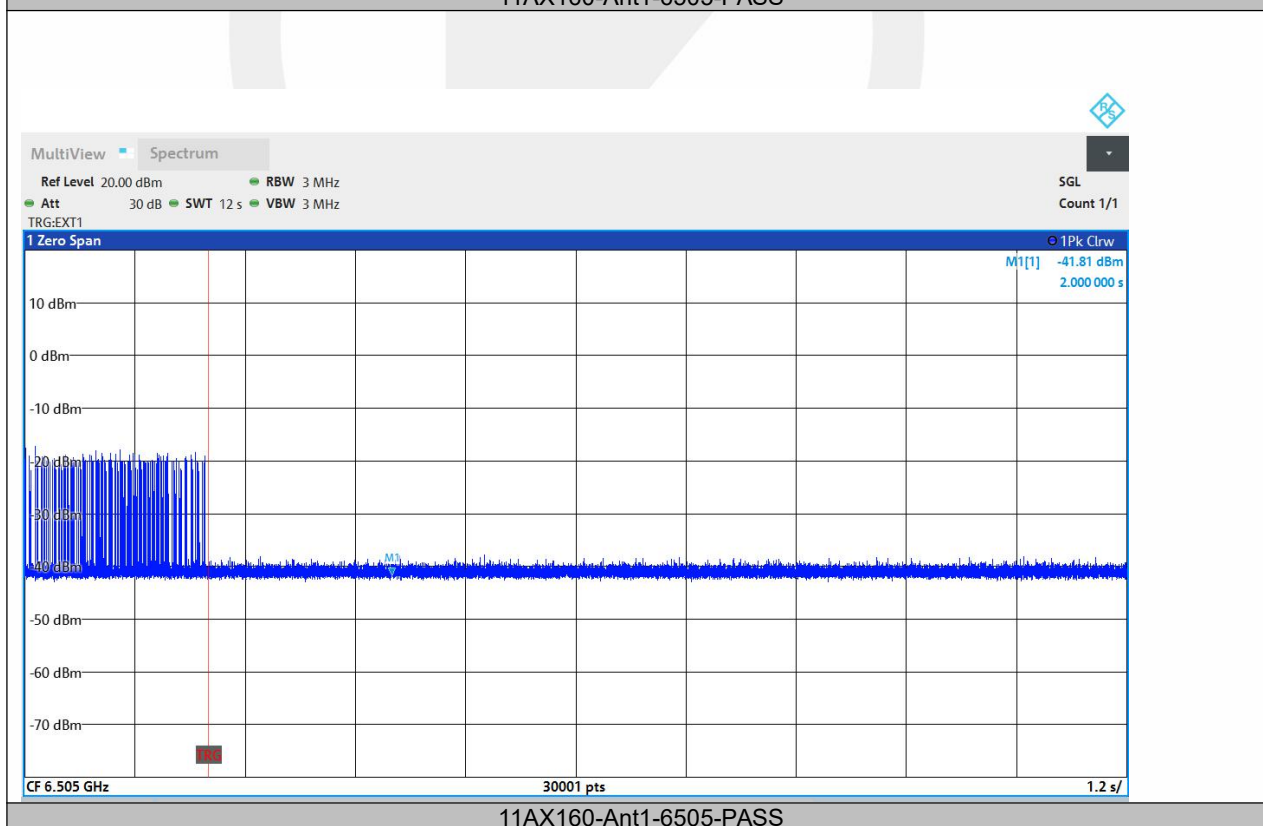
11AX160-Ant1-6505-PASS



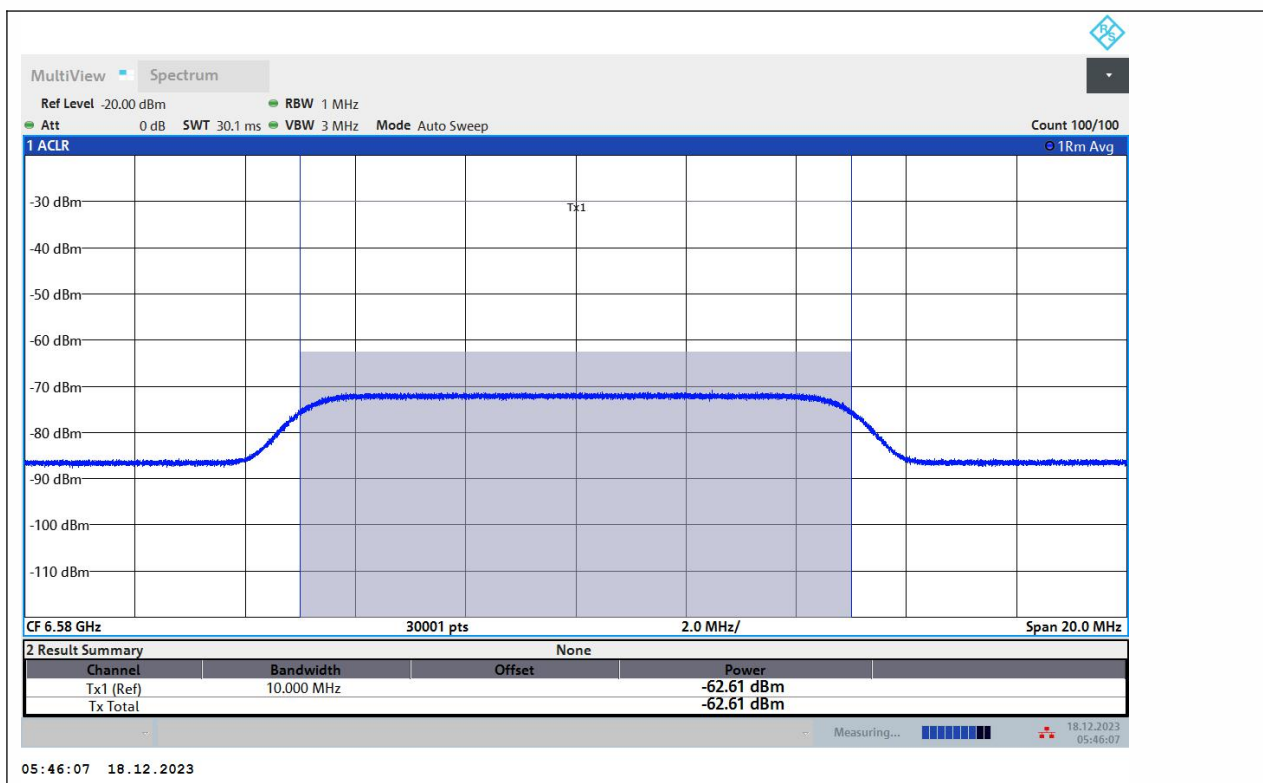
11AX160-Ant1-6505-PASS



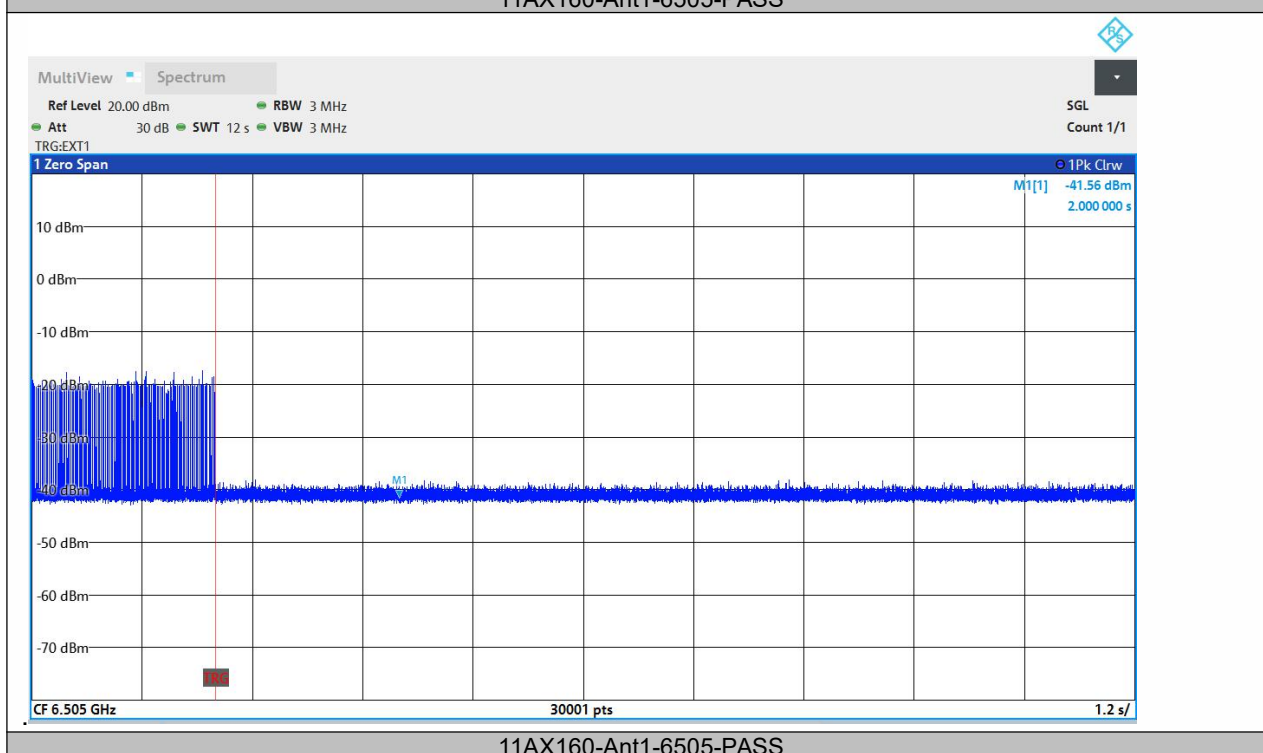
11AX160-Ant1-6505-PASS



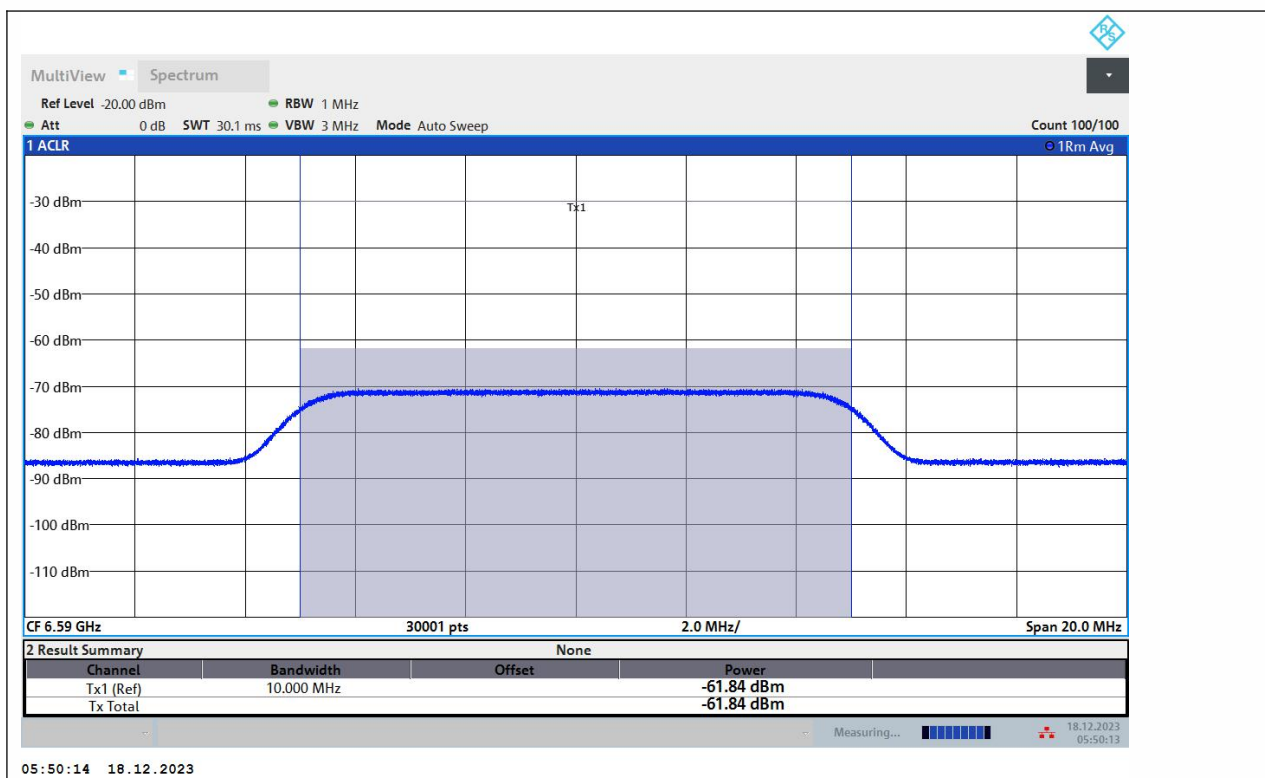
11AX160-Ant1-6505-PASS



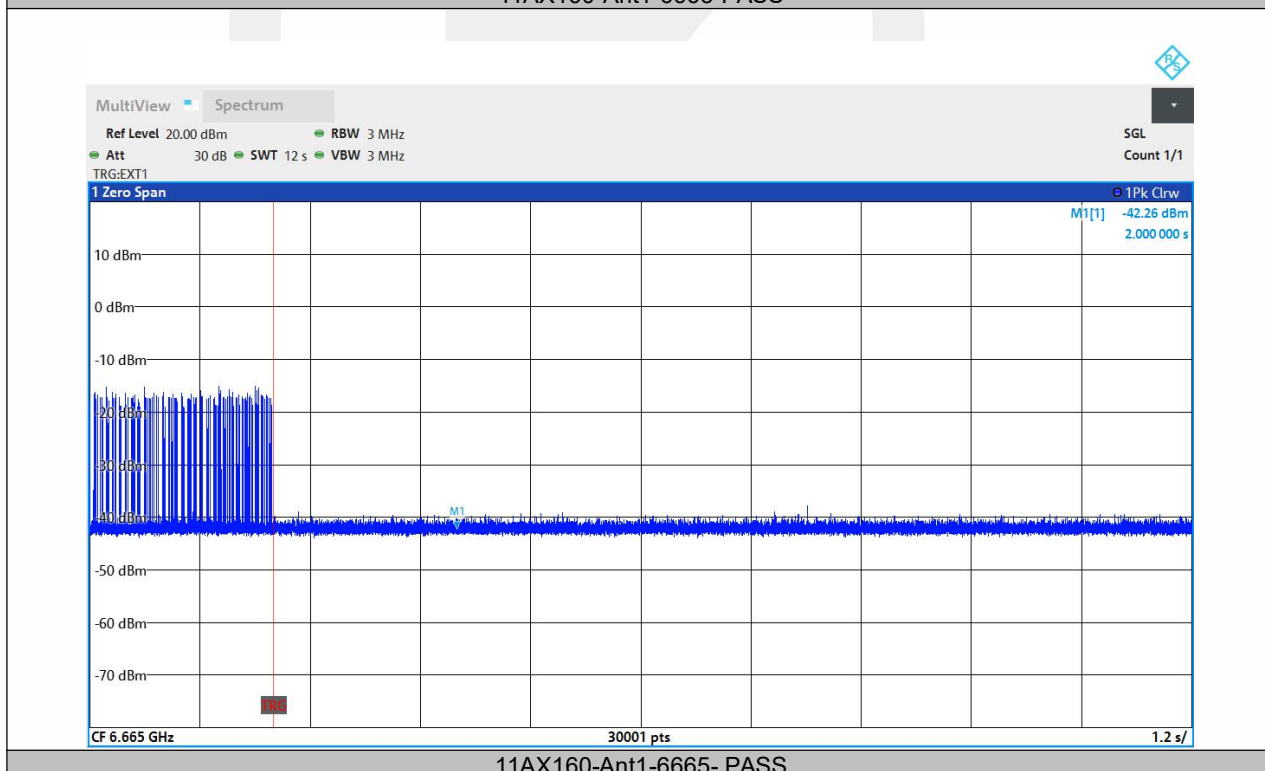
11AX160-Ant1-6505-PASS



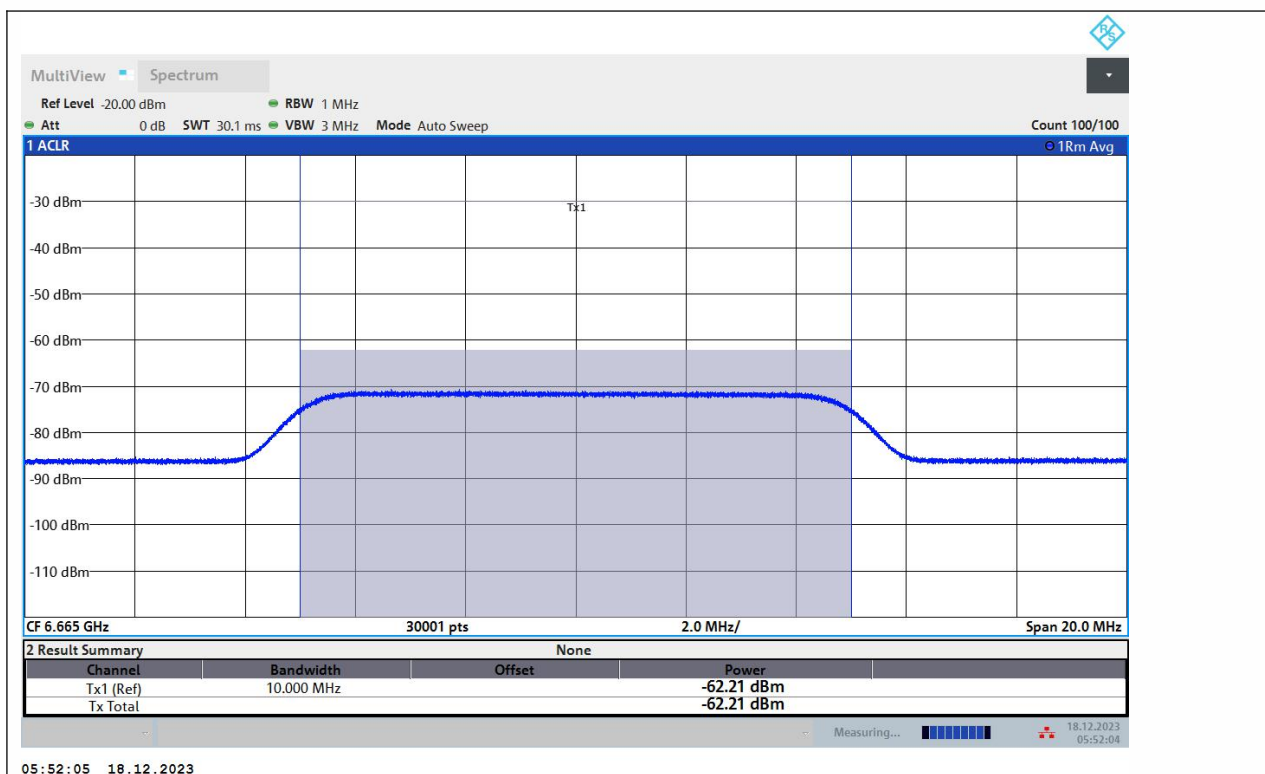
11AX160-Ant1-6505-PASS



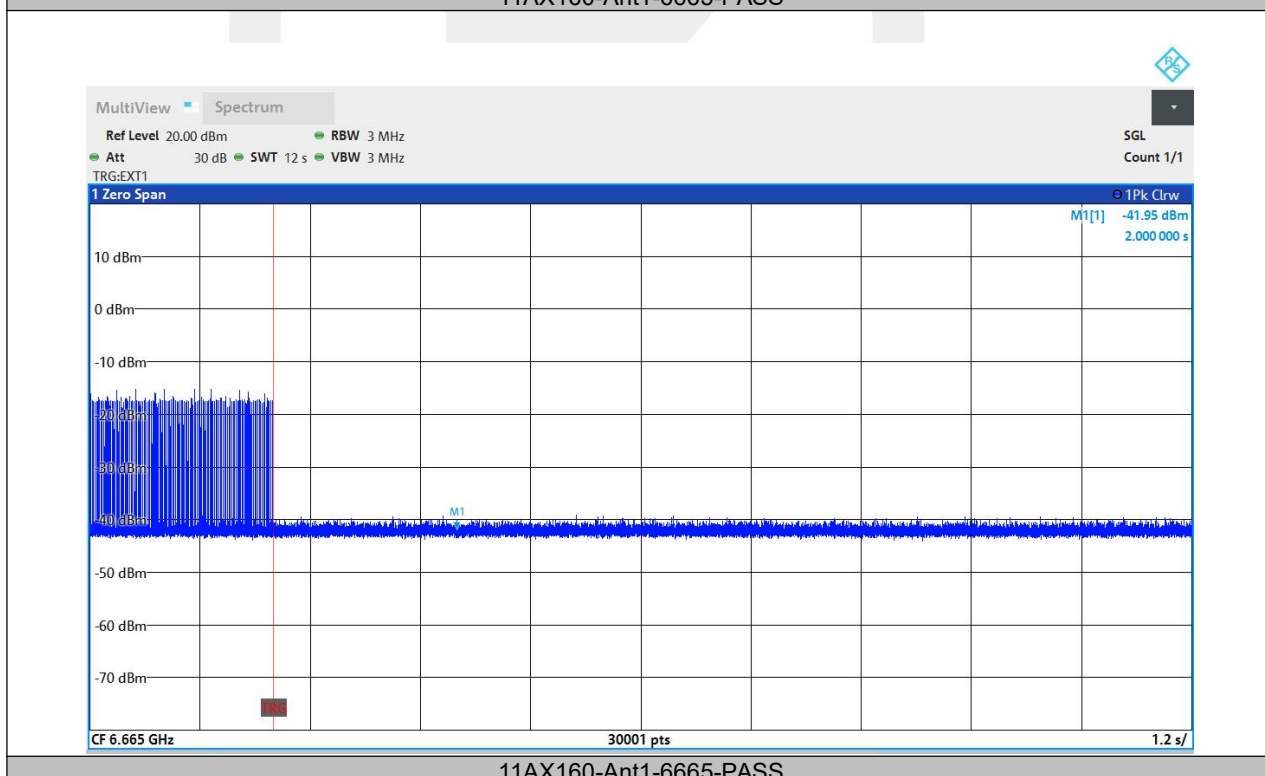
11AX160-Ant1-6665-PASS



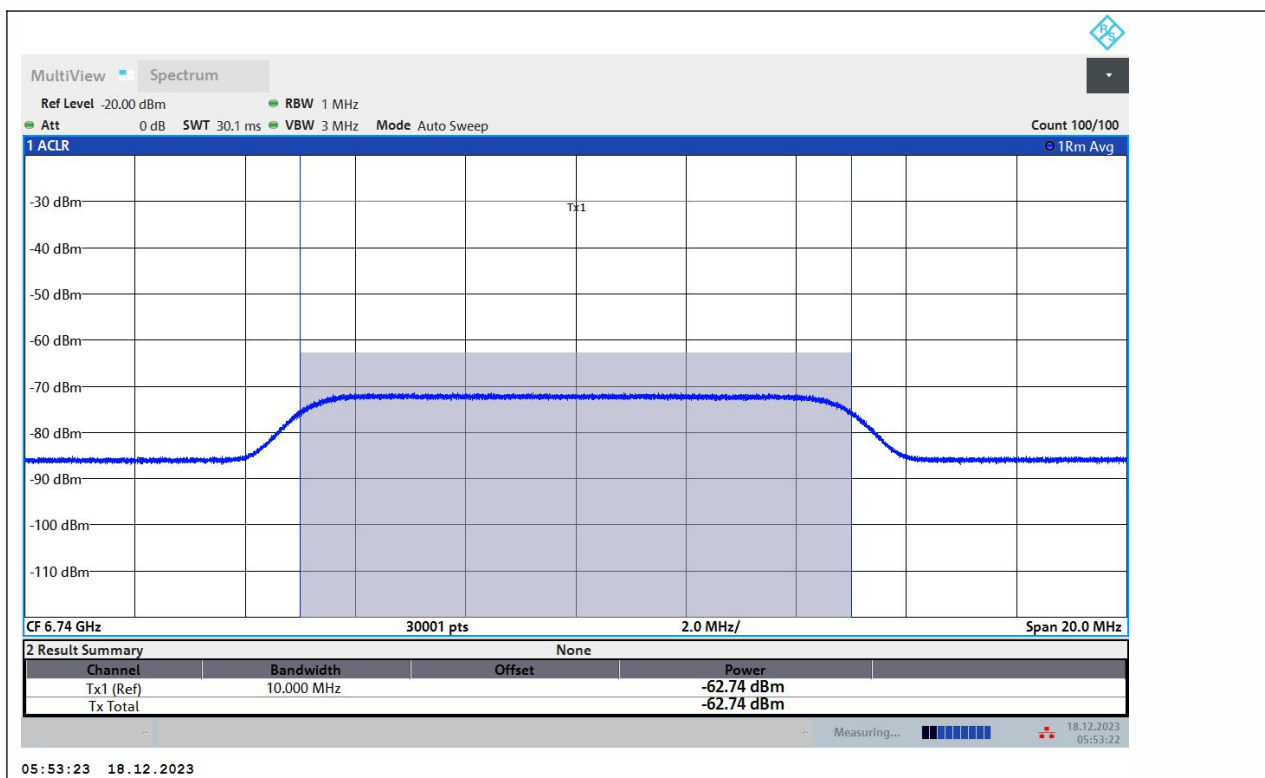
11AX160-Ant1-6665- PASS



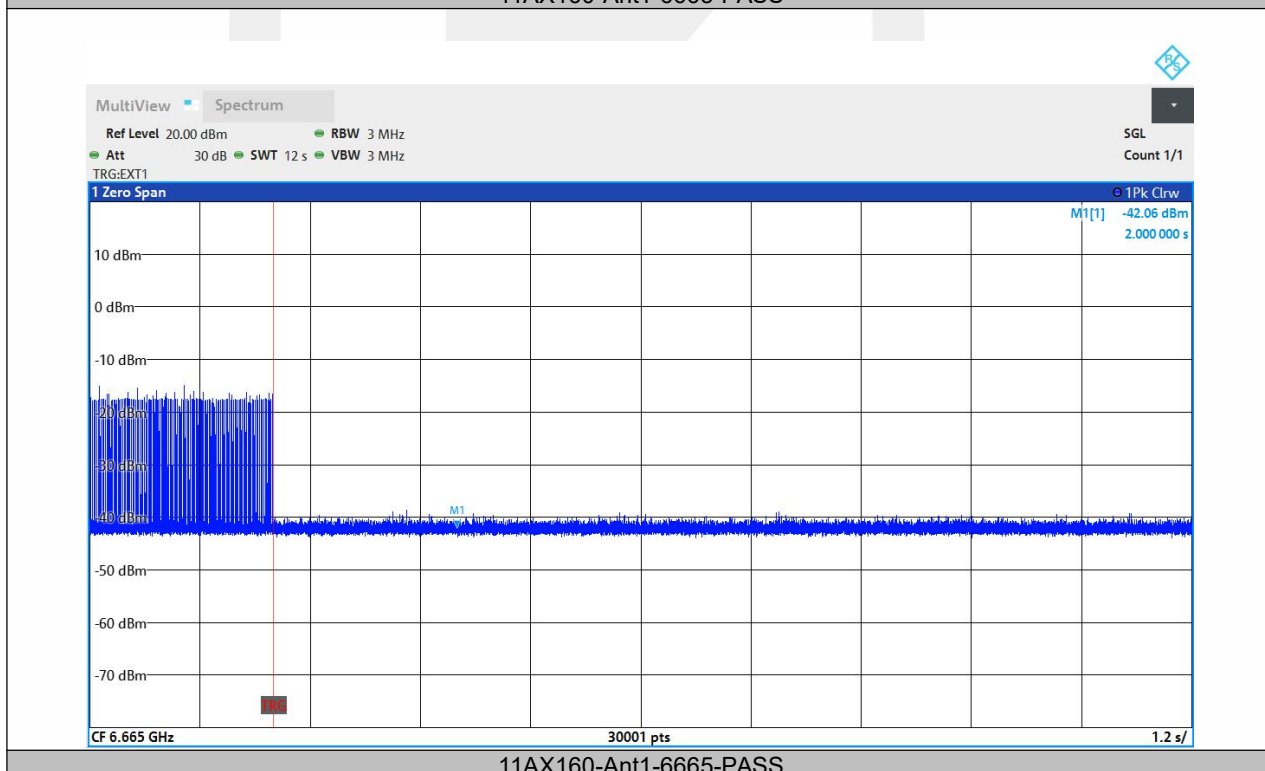
11AX160-Ant1-6665-PASS



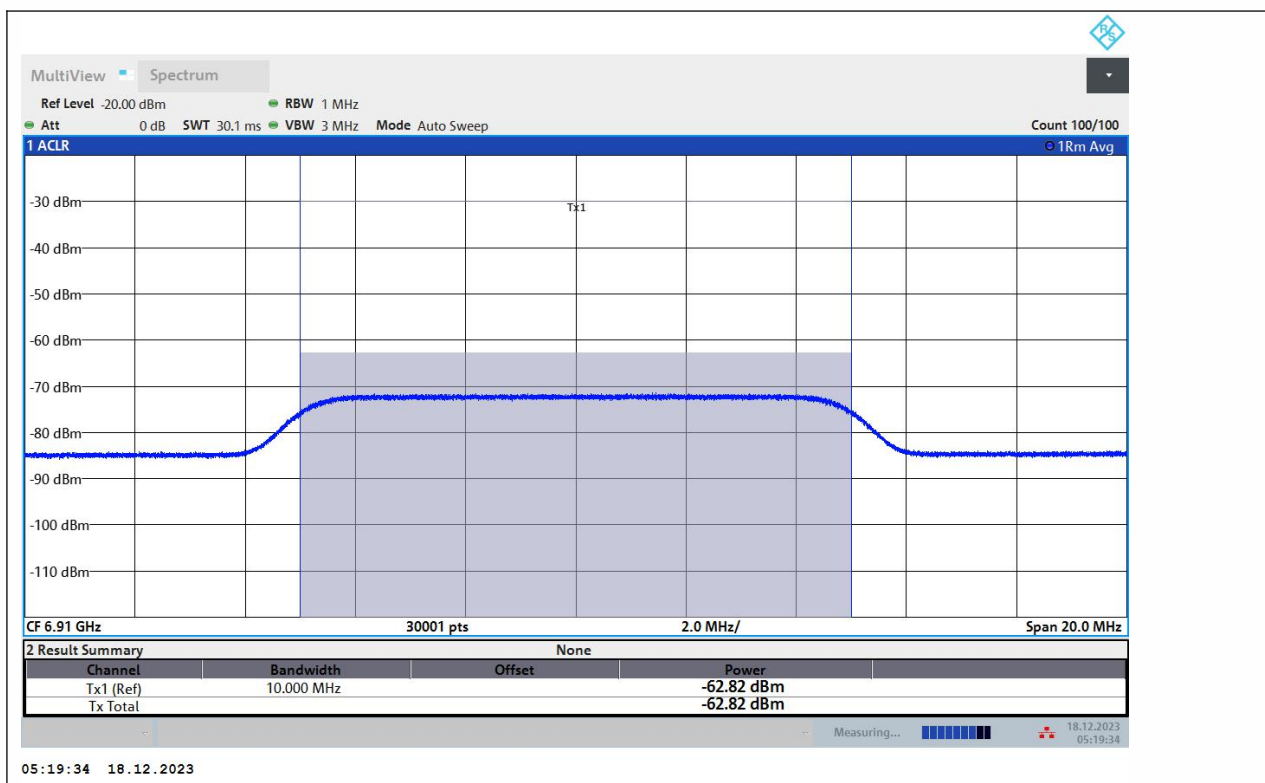
11AX160-Ant1-6665-PASS



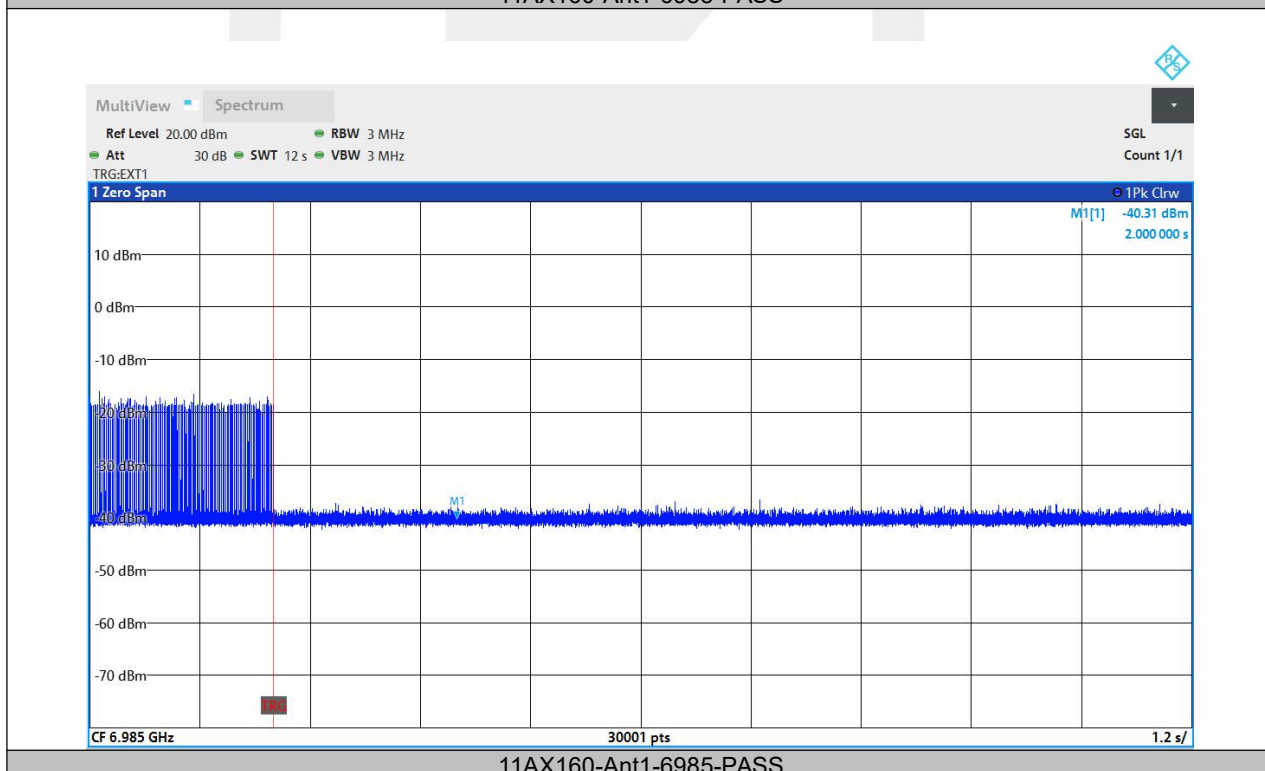
11AX160-Ant1-6665-PASS



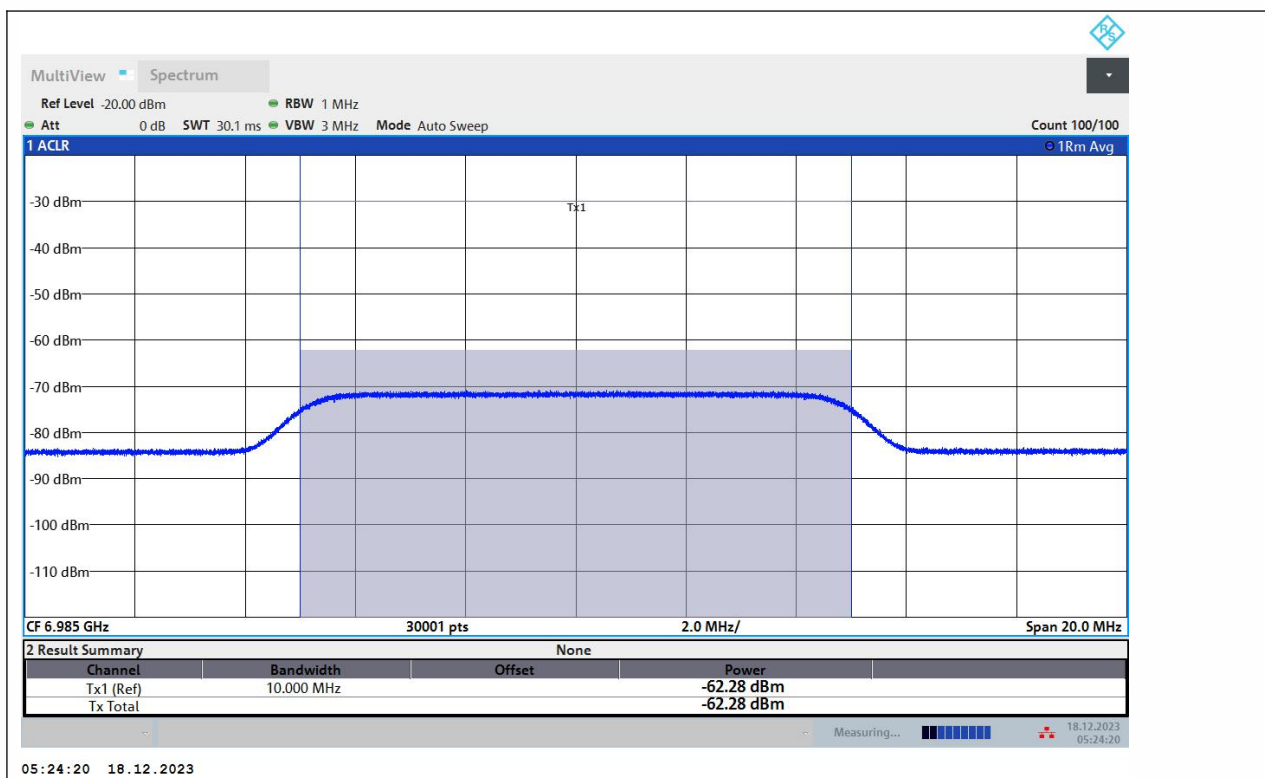
11AX160-Ant1-6665-PASS



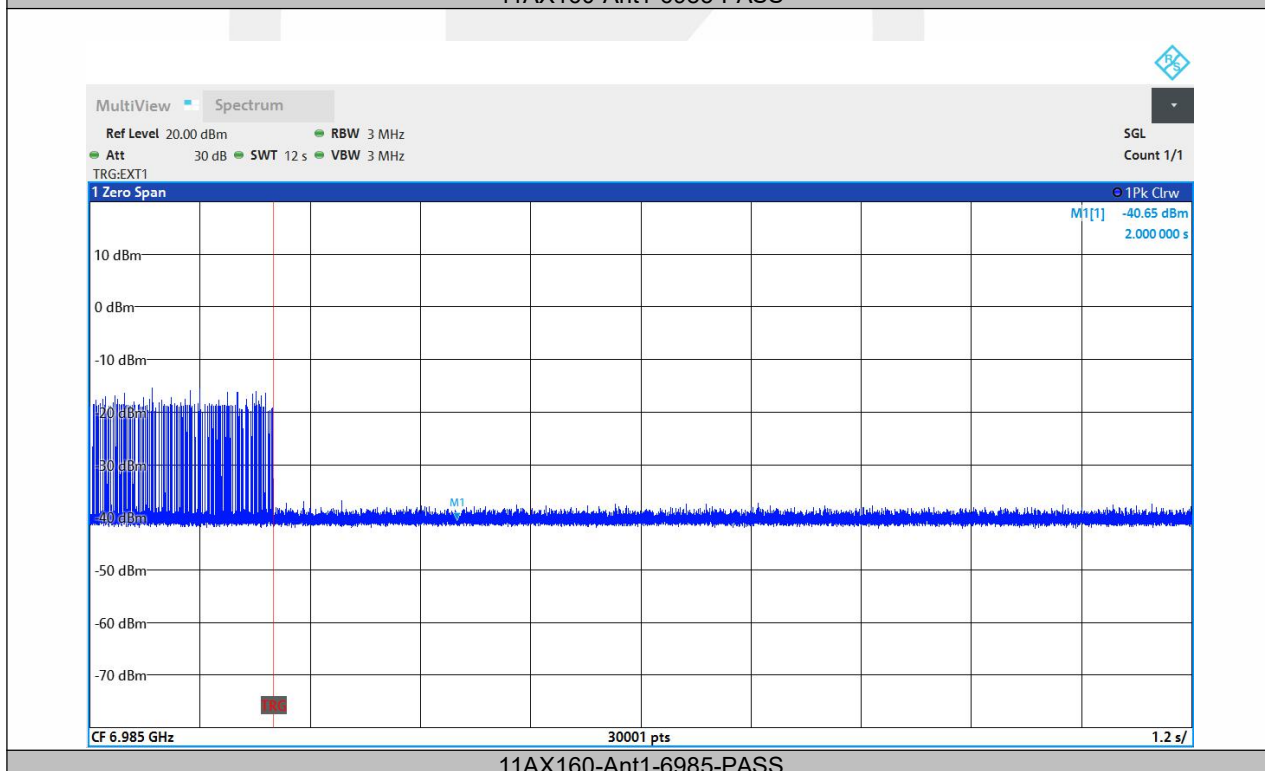
11AX160-Ant1-6985-PASS



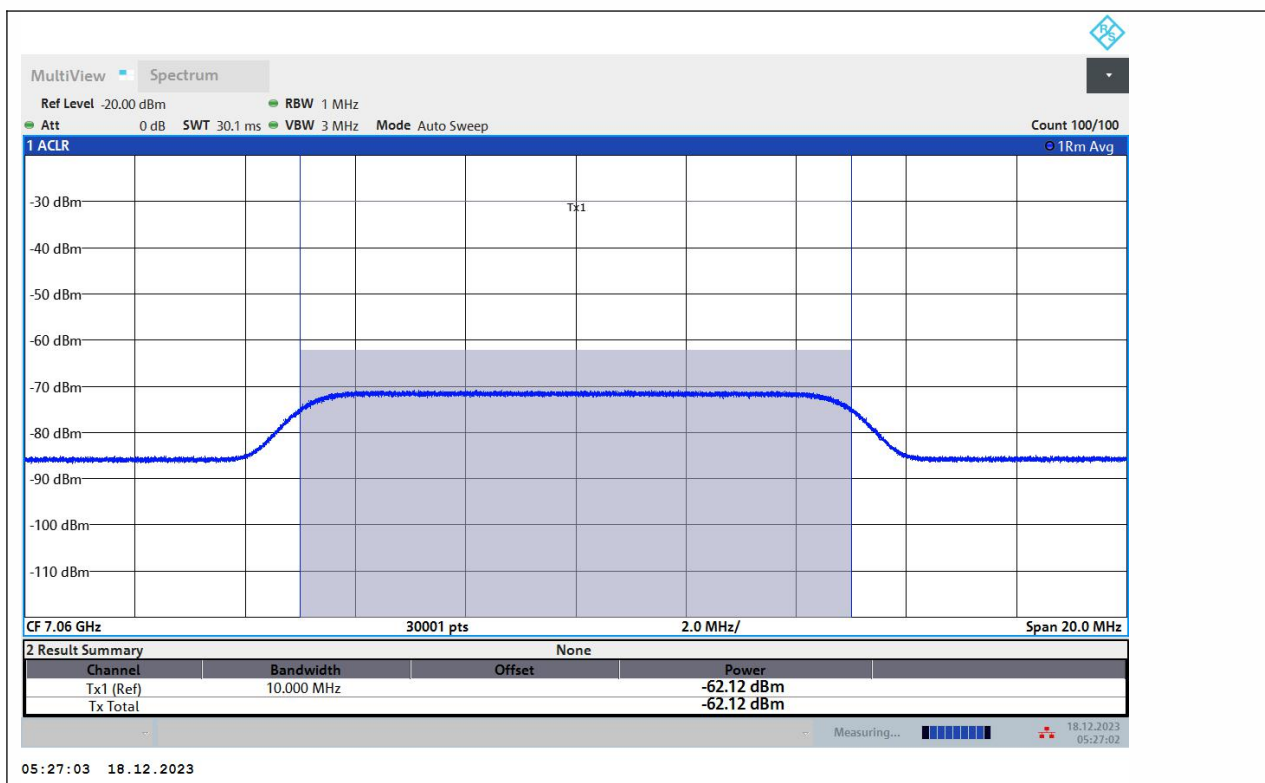
11AX160-Ant1-6985-PASS



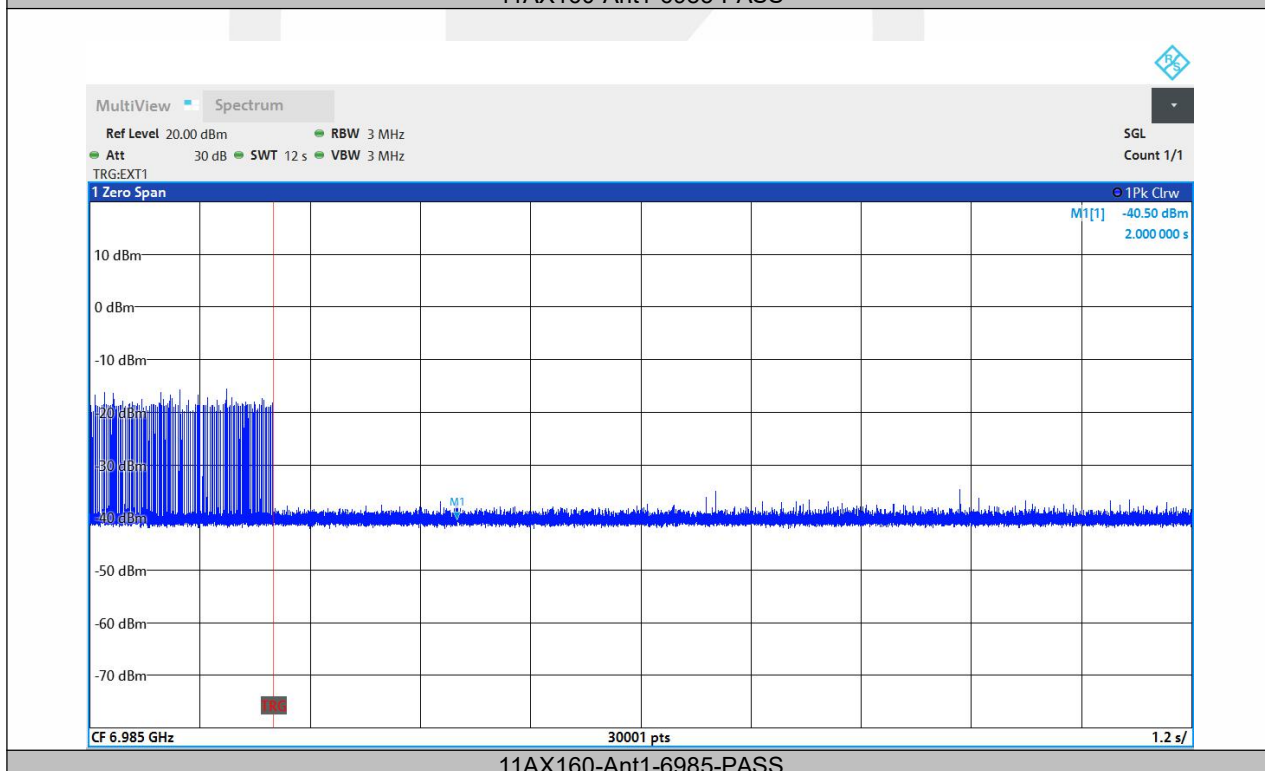
11AX160-Ant1-6985-PASS



11AX160-Ant1-6985-PASS



11AX160-Ant1-6985-PASS



8.6 RADIATED SPURIOUS EMISSION

8.6.1 Applicable Standard

According to FCC Part 15.407 (b), 15.209, 15.205
 According to 789033 D02 Section II.G
 According to 987594 D02 Section II.G
 According to RSS-GEN 8.9, 8.10 and 6.13
 According to RSS-248 4.7

8.6.2 Conformance Limit

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.
 Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209
 The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

Restricted Frequency(MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log (uV/m)	300
0.490-1.705	24000/F(KHz)	20 log (uV/m)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The provisions of §15.205 apply to intentional radiators operating under this section, 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

8.6.3 Test Configuration

Test according to clause 7.2 radio frequency test setup

8.6.4 Test Procedure

■ Unwanted Emissions Measurements below 1000 MHz

Compliance shall be demonstrated using CISPR quasi-peak detection; however, peak detection is permitted as an alternative to quasi-peak detection.

The EUT was placed on a turn table which is 0.8m above ground plane.

And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

Repeat above procedures until all frequency measured was complete.

We use software control the EUT, Let EUT hopping on and transmit with highest power, All the modes have been tested and the worst result was reported.

Use the following spectrum analyzer settings:

Set RBW=120kHz for $f < 1$ GHz(30MHz to 1GHz), 200Hz for $f < 150$ KHz(9KHz to 150KHz), 9KHz for $f < 30$ MHz(150KHz to 30MHz).

Set the VBW > RBW.

Detector = Peak.

Trace mode = max hold.

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Repeat above procedures until all frequency measured was complete.

■ Unwanted Maximumpeak Emissions Measurements above 1000 MHz

Maximum emission levels are measured by setting the analyzer as follows:

RBW = 1 MHz.

VBW ≥ 3 MHz.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle. For example, at 50 percent duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

■ Unwanted Average Emissions Measurements above 1000 MHz

Method AD (Average Detection): Primary method

RBW = 1 MHz.

VBW ≥ 3 MHz.

Detector = power averaging (rms), if $\text{span}/(\# \text{ of points in sweep}) \leq \text{RBW}/2$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, the detector mode shall be set to peak.

Averaging type = power averaging (rms)

Sweep time = auto.

Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, the number of traces shall be increased by a factor of $1/x$, where x is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—rather than turning on and off with the transmit cycle, at least 100 traces shall be averaged.)

If tests are performed with the EUT transmitting at a duty cycle less than 98%, a correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is $10 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.

8.6.5 Test Results

PASS

Temperature :	25℃	ATM Pressure:	1011 mbar
Humidity :	60 %	Test Engineer:	HZB

■ Spurious Emission below 30MHz(9KHz to 30MHz)

For Spurious Emission below 30MHz(9KHz to 30MHz), was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.



■ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 5955

Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11511.2556	59.12	2.85	74.00	14.88	PK	Vertical
2	15295.6478	61.23	5.16	74.00	12.77	PK	Vertical
3	17506.7534	65.66	10.35	74.00	8.34	PK	Vertical

AV Final Data List						
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11511.2556	48.41	54.00	5.59	AV	Vertical
2	15295.6478	42.70	54.00	11.30	AV	Vertical
3	17506.7534	44.87	54.00	9.13	AV	Vertical

Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11528.2641	59.13	2.76	74.00	14.87	PK	Horizontal
2	15610.3052	61.50	6.16	74.00	12.50	PK	Horizontal
3	17506.7534	65.23	10.35	74.00	8.77	PK	Horizontal

AV Final Data List						
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11528.2641	46.34	54.00	7.66	AV	Horizontal
2	15610.3052	43.57	54.00	10.43	AV	Horizontal
3	17506.7534	44.87	54.00	9.13	AV	Horizontal

Note:

- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
- (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
- (3) Corrected Reading= Reading Level+Correct Factor;
- (4) Correct Factor= Ant_F + Cab_L - Preamp;
- (5) Margin = Limit - Corrected Reading;
- (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
- (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6175

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11468.7344	59.67	2.61	74.00	14.33	PK	Vertical
2	15338.1691	61.71	5.18	74.00	12.29	PK	Vertical
3	17498.2491	66.19	10.54	74.00	7.81	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11468.7344	46.15	54.00	7.85	AV	Vertical
2	15338.1691	42.70	54.00	11.30	AV	Vertical
3	17498.2491	45.20	54.00	8.80	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11536.7684	60.01	2.72	74.00	13.99	PK	Horizontal
2	15618.8094	61.57	6.04	74.00	12.43	PK	Horizontal
3	17498.2491	66.21	10.54	74.00	7.79	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11536.7684	46.59	54.00	7.41	AV	Horizontal
2	15618.8094	43.58	54.00	10.42	AV	Horizontal
3	17498.2491	45.10	54.00	8.90	AV	Horizontal

Note:

- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
- (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
- (3) Corrected Reading= Reading Level+Correct Factor;
- (4) Correct Factor= Ant_F + Cab_L - Preampl;
- (5) Margin = Limit - Corrected Reading;
- (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
- (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6415

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11536.7684	58.63	2.72	74.00	15.37	PK	Vertical
2	14564.2821	62.11	7.71	74.00	11.89	PK	Vertical
3	17481.2406	65.20	9.88	74.00	8.80	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11536.7684	46.39	54.00	7.61	AV	Vertical
2	14564.2821	45.06	54.00	8.94	AV	Vertical
3	17481.2406	44.44	54.00	9.56	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	13127.0635	59.85	5.21	74.00	14.15	PK	Horizontal
2	15440.2201	62.88	5.46	74.00	11.12	PK	Horizontal
3	17489.7449	65.45	10.21	74.00	8.55	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	13127.0635	48.65	54.00	5.35	AV	Horizontal
2	15440.2201	42.98	54.00	11.02	AV	Horizontal
3	17489.7449	44.33	54.00	9.67	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6435

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10737.3687	58.28	3.10	74.00	15.72	PK	Vertical
2	14564.2821	62.03	7.71	74.00	11.97	PK	Vertical
3	17506.7534	65.29	10.35	74.00	8.71	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	10737.3687	46.31	54.00	7.69	AV	Vertical
2	14564.2821	45.27	54.00	8.73	AV	Vertical
3	17506.7534	44.79	54.00	9.21	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11273.1366	58.68	2.37	74.00	15.32	PK	Horizontal
2	15312.6563	61.32	5.14	74.00	12.68	PK	Horizontal
3	17498.2491	66.15	10.54	74.00	7.85	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11273.1366	45.81	54.00	8.19	AV	Horizontal
2	15312.6563	42.26	54.00	11.74	AV	Horizontal
3	17498.2491	45.10	54.00	8.90	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6475

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	13450.2251	61.13	4.17	74.00	12.87	PK	Vertical
2	16800.9004	63.67	8.41	74.00	10.33	PK	Vertical
3	17506.7534	65.60	10.35	74.00	8.40	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	13450.2251	47.81	54.00	6.19	AV	Vertical
2	16800.9004	45.82	54.00	8.18	AV	Vertical
3	17506.7534	44.46	54.00	9.54	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11511.2556	59.04	2.85	74.00	14.96	PK	Horizontal
2	16809.4047	63.06	8.27	74.00	10.94	PK	Horizontal
3	17489.7449	66.01	10.21	74.00	7.99	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11511.2556	46.49	54.00	7.51	AV	Horizontal
2	16809.4047	43.91	54.00	10.09	AV	Horizontal
3	17489.7449	44.33	54.00	9.67	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6515

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9988.9945	58.89	0.58	74.00	15.11	PK	Vertical
2	14564.2821	62.23	7.71	74.00	11.77	PK	Vertical
3	17498.2491	65.64	10.54	74.00	8.36	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	9988.9945	44.22	54.00	9.78	AV	Vertical
2	14564.2821	44.83	54.00	9.17	AV	Vertical
3	17498.2491	45.06	54.00	8.94	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	13118.5593	59.70	5.24	74.00	14.30	PK	Horizontal
2	15448.7244	61.47	5.50	74.00	12.53	PK	Horizontal
3	17489.7449	65.83	10.21	74.00	8.17	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	13118.5593	48.76	54.00	5.24	AV	Horizontal
2	15448.7244	43.14	54.00	10.86	AV	Horizontal
3	17489.7449	44.33	54.00	9.67	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6535

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	15465.7329	61.26	5.57	74.00	12.74	PK	Vertical
2	17039.0195	64.79	9.74	74.00	9.21	PK	Vertical
3	17523.7619	65.26	9.74	74.00	8.74	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	15465.7329	49.09	54.00	4.91	AV	Vertical
2	17039.0195	49.86	54.00	4.14	AV	Vertical
3	17523.7619	49.95	54.00	4.05	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11528.2641	59.61	2.76	74.00	14.39	PK	Horizontal
2	15448.7244	61.36	5.50	74.00	12.64	PK	Horizontal
3	17506.7534	66.57	10.35	74.00	7.43	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11528.2641	44.00	54.00	10	AV	Vertical
2	15448.7244	43.00	54.00	11	AV	Vertical
3	17506.7534	44.00	54.00	10	AV	Vertical

Note:

- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
- (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
- (3) Corrected Reading= Reading Level+Correct Factor;
- (4) Correct Factor= Ant_F + Cab_L - Preamp;
- (5) Margin = Limit - Corrected Reading;
- (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
- (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6695

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11638.8194	59.70	2.36	74.00	14.30	PK	Vertical
2	14793.8969	61.41	5.84	74.00	12.59	PK	Vertical
3	17498.2491	65.85	10.54	74.00	8.15	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11638.8194	46.10	54.00	7.90	AV	Vertical
2	14793.8969	44.48	54.00	9.52	AV	Vertical
3	17498.2491	45.10	54.00	8.90	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11511.2556	59.78	2.85	74.00	14.22	PK	Horizontal
2	15533.7669	61.67	5.91	74.00	12.33	PK	Horizontal
3	17523.7619	65.59	9.74	74.00	8.41	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11511.2556	46.49	54.00	7.51	AV	Horizontal
2	15533.7669	43.55	54.00	10.45	AV	Horizontal
3	17523.7619	44.08	54.00	9.92	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6855

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11366.6833	59.64	2.17	74.00	14.36	PK	Vertical
2	15610.3052	61.85	6.16	74.00	12.15	PK	Vertical
3	17489.7449	66.22	10.21	74.00	7.78	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11366.6833	45.48	54.00	8.52	AV	Vertical
2	15610.3052	45.71	54.00	8.29	AV	Vertical
3	17489.7449	44.87	54.00	9.13	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11545.2726	59.52	2.67	74.00	14.48	PK	Horizontal
2	15448.7244	61.23	5.50	74.00	12.77	PK	Horizontal
3	17523.7619	65.54	9.74	74.00	8.46	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11545.2726	46.33	54.00	7.67	AV	Horizontal
2	15448.7244	42.91	54.00	11.09	AV	Horizontal
3	17523.7619	44.30	54.00	9.70	AV	Horizontal

Note:

- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
- (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
- (3) Corrected Reading= Reading Level+Correct Factor;
- (4) Correct Factor= Ant_F + Cab_L - Preampl;
- (5) Margin = Limit - Corrected Reading;
- (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
- (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6895

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11502.7514	58.82	2.90	74.00	15.18	PK	Vertical
2	15397.6988	61.57	5.29	74.00	12.43	PK	Vertical
3	17481.2406	65.68	9.88	74.00	8.32	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11502.7514	46.54	54.00	7.46	AV	Vertical
2	15397.6988	43.05	54.00	10.95	AV	Vertical
3	17481.2406	44.54	54.00	9.46	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11536.7684	59.93	2.72	74.00	14.07	PK	Horizontal
2	14530.2651	61.16	7.31	74.00	12.84	PK	Horizontal
3	17498.2491	65.22	10.54	74.00	8.78	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11536.7684	46.39	54.00	7.61	AV	Horizontal
2	14530.2651	44.75	54.00	9.25	AV	Horizontal
3	17498.2491	45.06	54.00	8.94	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 6995

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11579.2896	59.00	2.50	74.00	15.00	PK	Vertical
2	14640.8204	61.30	7.32	74.00	12.70	PK	Vertical
3	17498.2491	66.40	10.54	74.00	7.60	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11579.2896	46.27	54.00	7.73	AV	Vertical
2	14640.8204	45.17	54.00	8.83	AV	Vertical
3	17498.2491	45.10	54.00	8.90	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	12795.3977	59.06	6.14	74.00	14.94	PK	Horizontal
2	14555.7779	61.26	7.60	74.00	12.74	PK	Horizontal
3	17498.2491	65.05	10.54	74.00	8.95	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	12795.3977	49.78	54.00	4.22	AV	Horizontal
2	14555.7779	45.12	54.00	8.88	AV	Horizontal
3	17498.2491	45.06	54.00	8.94	AV	Horizontal

- Note:
- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
 - (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
 - (3) Corrected Reading= Reading Level+Correct Factor;
 - (4) Correct Factor= Ant_F + Cab_L - Preamp;
 - (5) Margin = Limit - Corrected Reading;
 - (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
 - (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 7115

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11536.7684	59.66	2.72	74.00	14.34	PK	Vertical
2	15576.2881	62.40	6.15	74.00	11.60	PK	Vertical
3	17498.2491	64.97	10.54	74.00	9.03	PK	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11536.7684	46.35	54.00	7.65	AV	Vertical
2	15576.2881	43.67	54.00	10.33	AV	Vertical
3	17498.2491	45.10	54.00	8.90	AV	Vertical

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11604.8024	60.35	2.39	74.00	13.65	PK	Horizontal
2	14555.7779	62.20	7.60	74.00	11.80	PK	Horizontal
3	17489.7449	65.28	10.21	74.00	8.72	PK	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity
1	11604.8024	45.91	54.00	8.09	AV	Horizontal
2	14555.7779	45.12	54.00	8.88	AV	Horizontal
3	17489.7449	44.85	54.00	9.15	AV	Horizontal

Note:

- (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak;
- (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS;
- (3) Corrected Reading= Reading Level+Correct Factor;
- (4) Correct Factor= Ant_F + Cab_L - Preampl;
- (5) Margin = Limit - Corrected Reading;
- (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit.
- (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.

■ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

●For U-NII 5

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20) Frequency(MHz): 5955

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5924.755	55.42	39.02	68.20	12.78	PK	Vertical
2	7200.625	58.56	42.77	68.20	9.64	PK	Vertical
1	5898.3075	55.80	38.93	68.20	12.40	PK	Horizontal
2	7143.825	58.35	42.69	68.20	9.85	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 5 Band (5925 ~ 6425MHz)

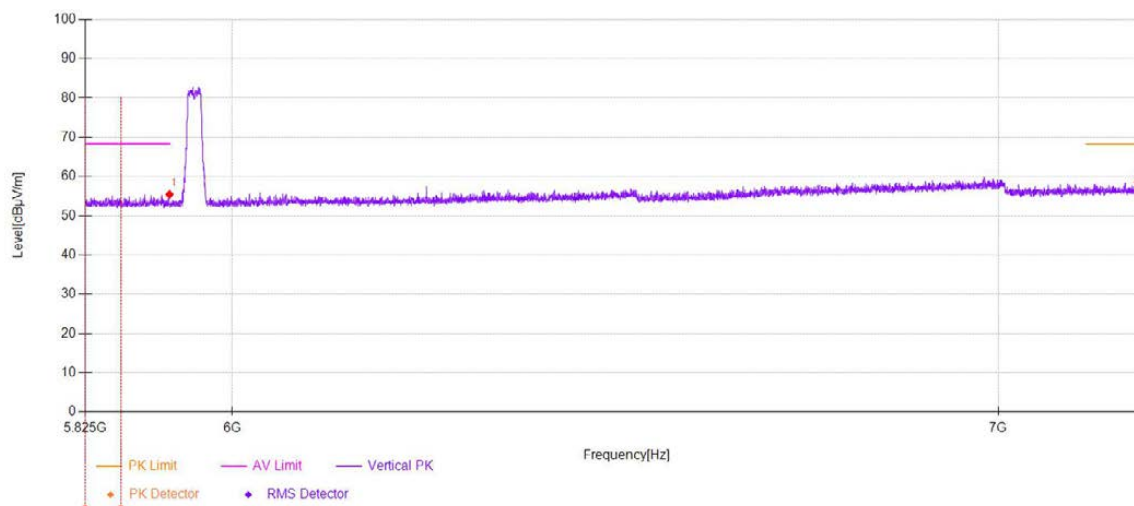
Test mode: 802.11ax(HE20) Frequency(MHz): 6415

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5893.16	55.34	38.94	68.20	12.86	PK	Vertical
2	7172.4025	58.15	42.74	68.20	10.05	PK	Vertical
1	5901.68	55.14	38.93	68.20	13.06	PK	Horizontal
2	7160.155	58.89	42.72	68.20	9.31	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20)

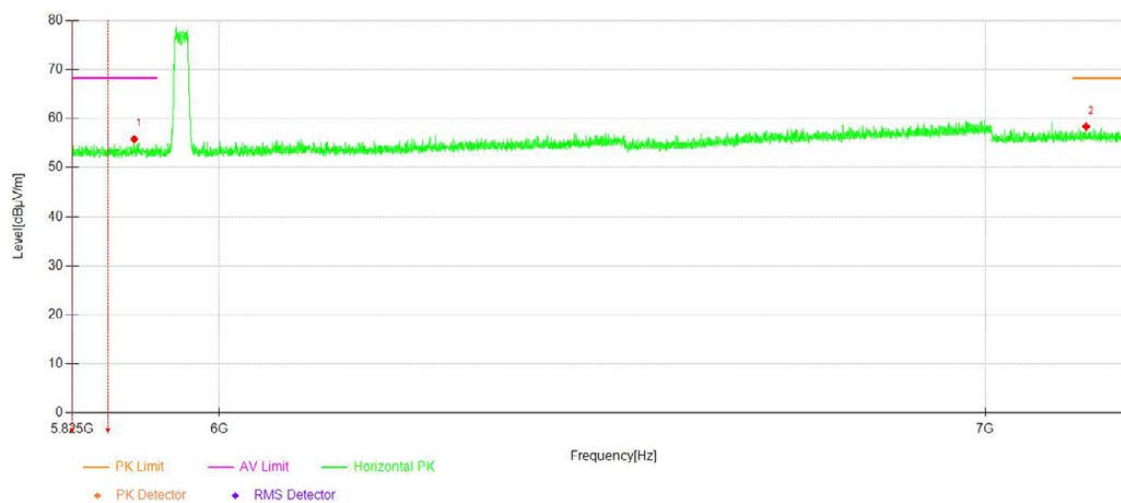
Frequency(MHz): 5955 Ant.Pol: V



U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20)

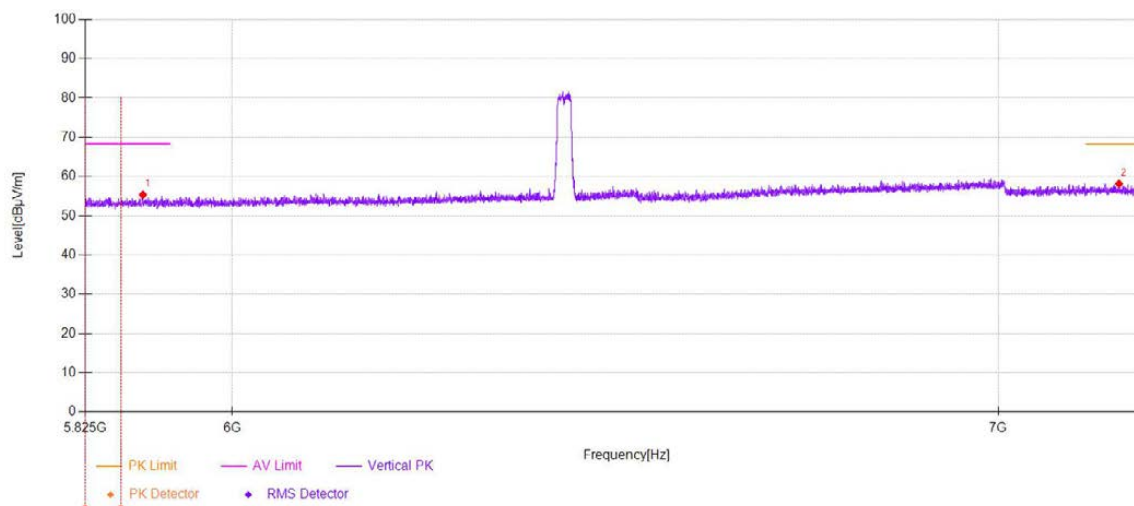
Frequency(MHz): 5955 Ant.Pol: H



U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20)

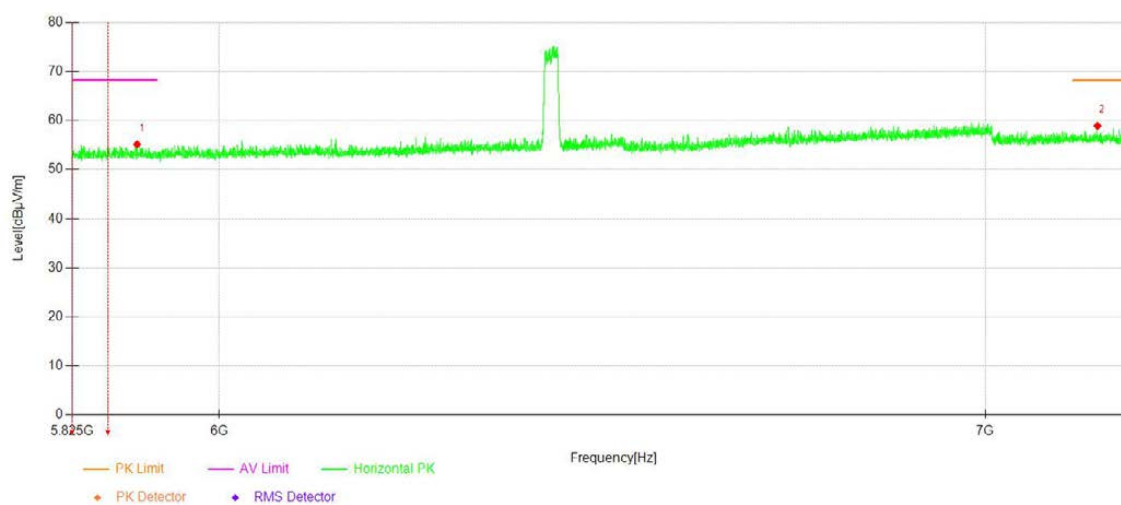
Frequency(MHz): 6415 Ant.Pol: V



U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11ax(HE20)

Frequency(MHz): 6415 Ant.Pol: H



●For U-NII 6

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6435

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5913.2175	55.61	38.98	68.20	12.59	PK	Vertical
2	7158.2025	57.98	42.72	68.20	10.22	PK	Vertical
1	5899.0175	54.66	38.93	68.20	13.54	PK	Horizontal
2	7178.7925	57.93	42.74	68.20	10.27	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 6 Band (6425 ~ 6525MHz)

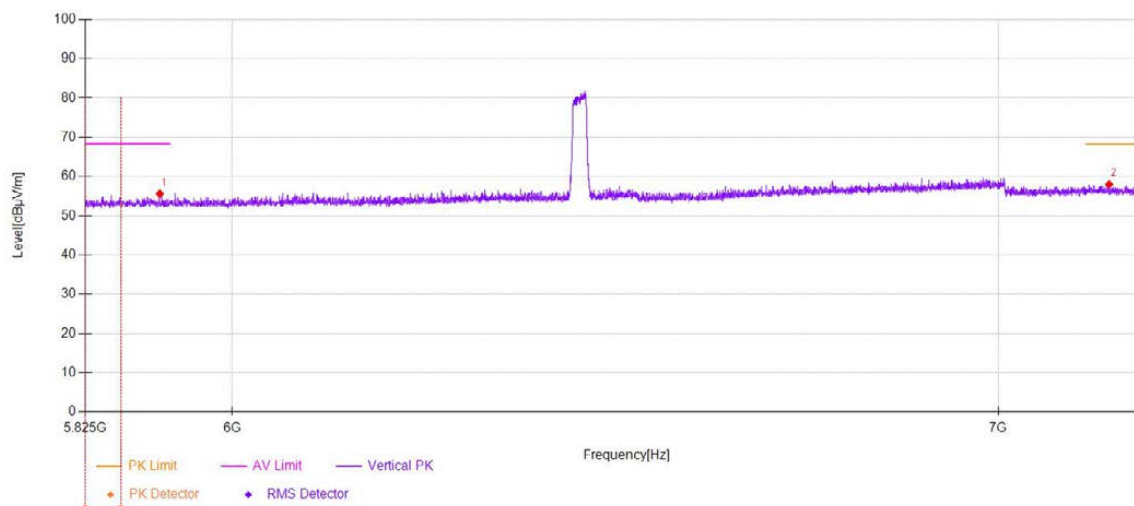
Test mode: 802.11ax(HE20) **Frequency(MHz):** 6515

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5891.5625	54.80	38.94	68.20	13.40	PK	Vertical
2	7144.535	58.30	42.69	68.20	9.90	PK	Vertical
1	5889.4325	55.08	38.95	68.20	13.12	PK	Horizontal
2	7136.015	58.34	42.66	68.20	9.86	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20)

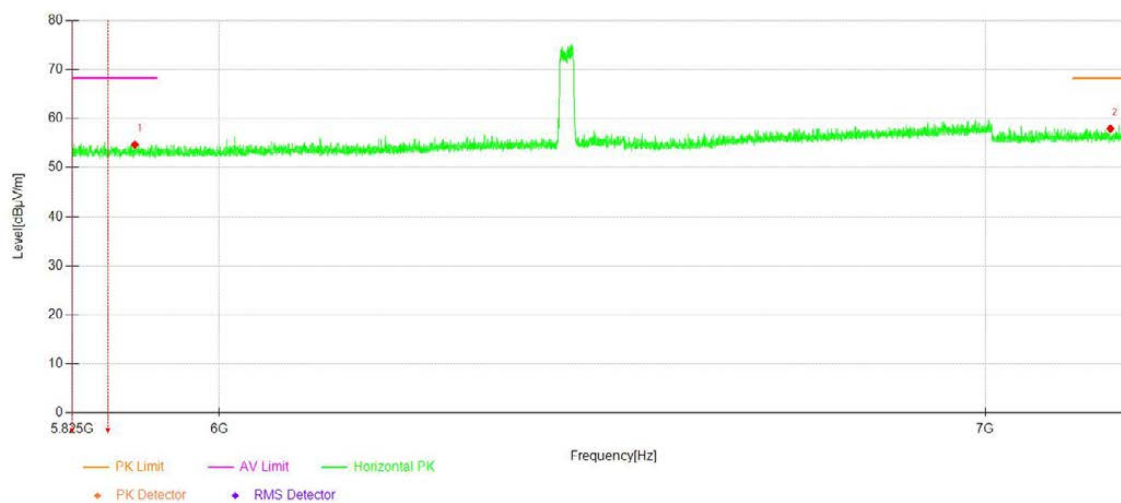
Frequency(MHz): 6435 Ant.Pol: V



U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20)

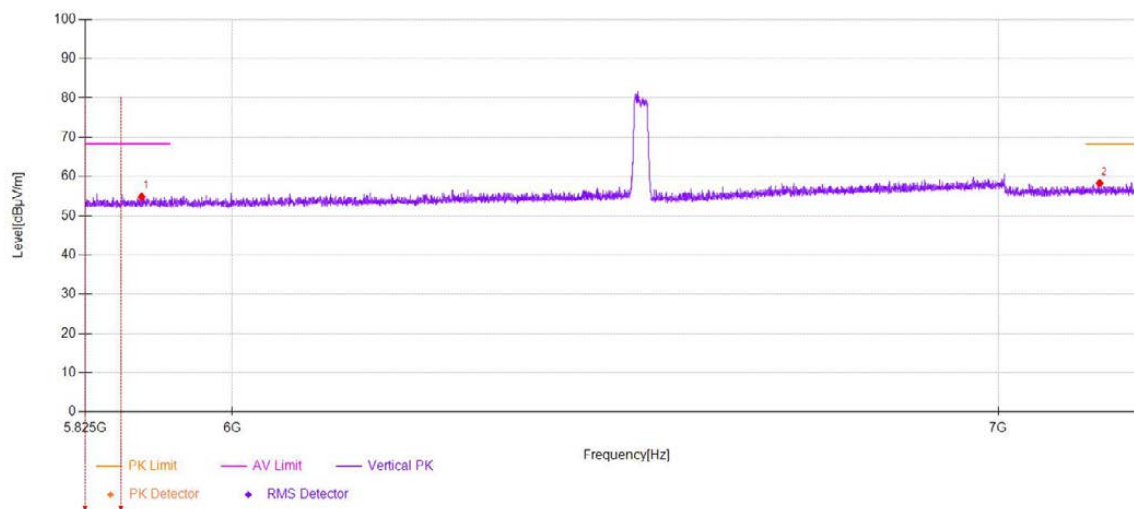
Frequency(MHz): 6435 Ant.Pol: H



U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20)

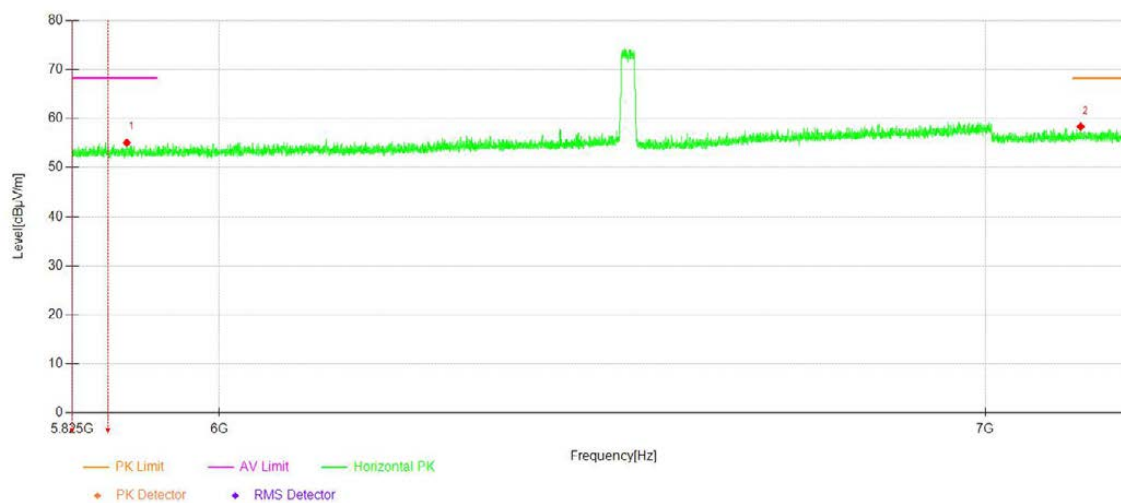
Frequency(MHz): 6515 Ant.Pol: V



U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20)

Frequency(MHz): 6515 Ant.Pol: H



●For U-NII 7

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6535

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5902.035	54.89	38.93	68.20	13.31	PK	Vertical
2	7125.01	58.75	42.63	68.20	9.45	PK	Vertical
1	5894.225	54.97	38.94	68.20	13.23	PK	Horizontal
2	7160.3325	59.21	42.72	68.20	8.99	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 7 Band (6525 ~ 6875MHz)

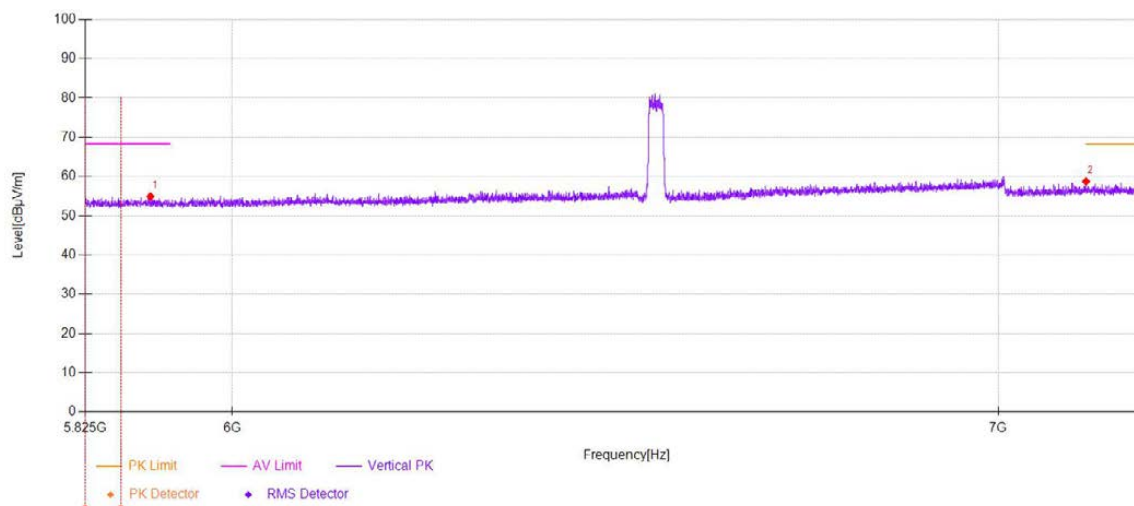
Test mode: 802.11ax(HE20) **Frequency(MHz):** 6855

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5910.7325	54.69	38.97	68.20	13.51	PK	Vertical
2	7169.74	58.40	42.73	68.20	9.80	PK	Vertical
1	5910.555	55.21	38.97	68.20	12.99	PK	Horizontal
2	7159.8	58.19	42.72	68.20	10.01	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20)

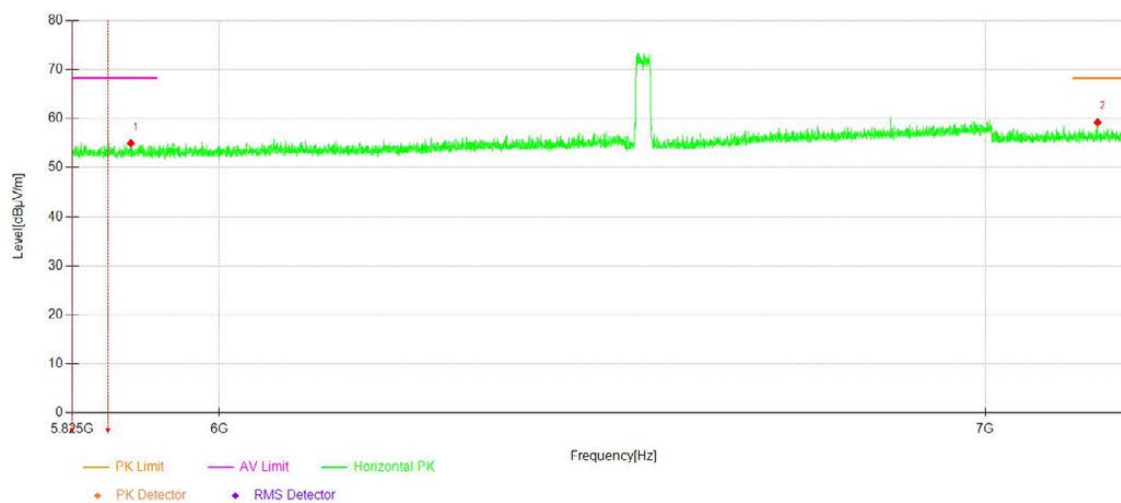
Frequency(MHz): 6535 Ant.Pol: V



U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20)

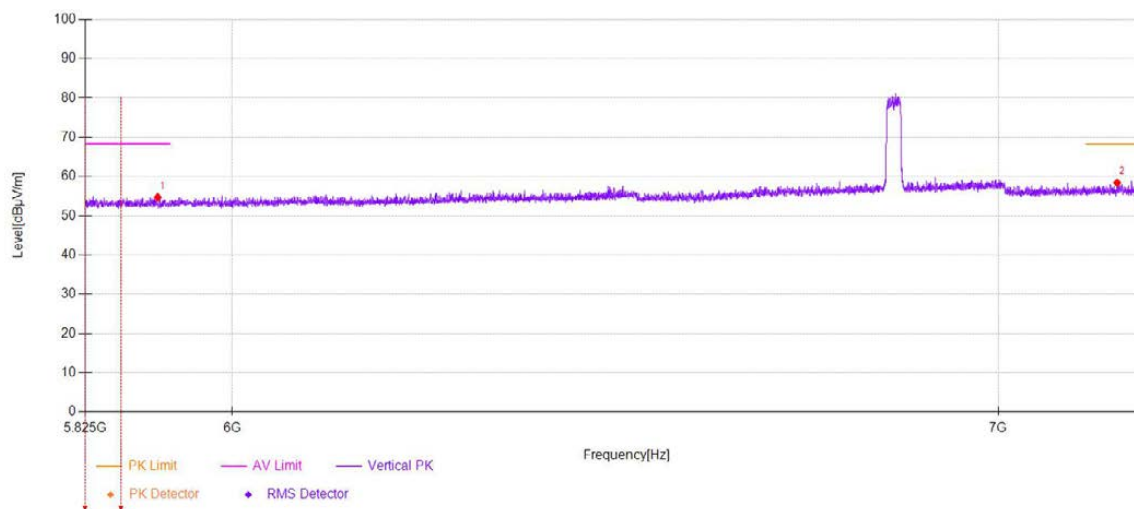
Frequency(MHz): 6535 Ant.Pol: H



U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20)

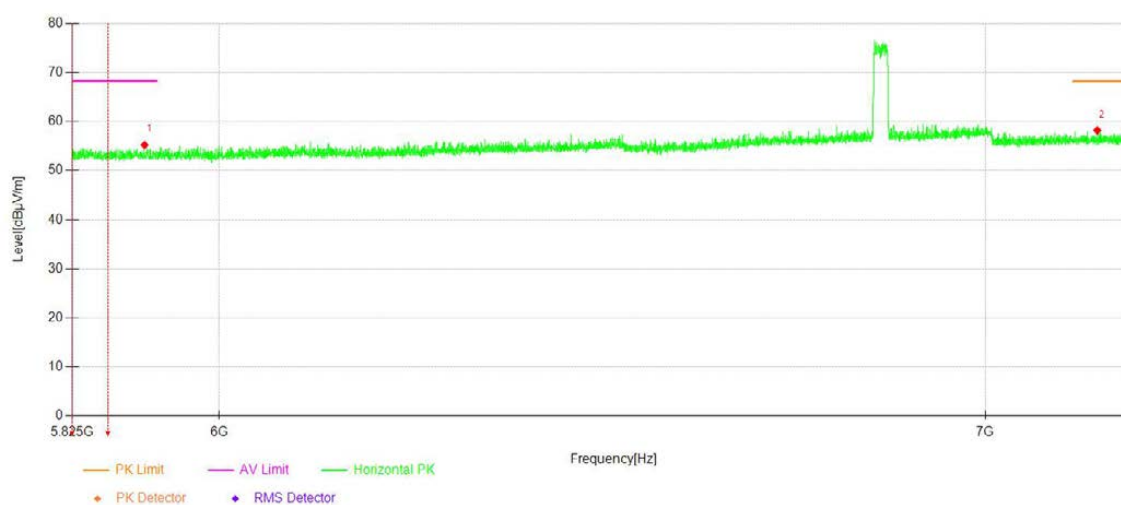
Frequency(MHz): 6855 Ant.Pol: V



U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11ax(HE20)

Frequency(MHz): 6855 Ant.Pol: H



●For U-NII 8

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20) **Frequency(MHz):** 6895

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5877.0075	55.81	38.96	68.20	12.39	PK	Vertical
2	7187.845	58.77	42.76	68.20	9.43	PK	Vertical
1	5905.4075	54.92	38.95	68.20	13.28	PK	Horizontal
2	7136.1925	57.95	42.66	68.20	10.25	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 8 Band (6875 ~ 7125MHz)

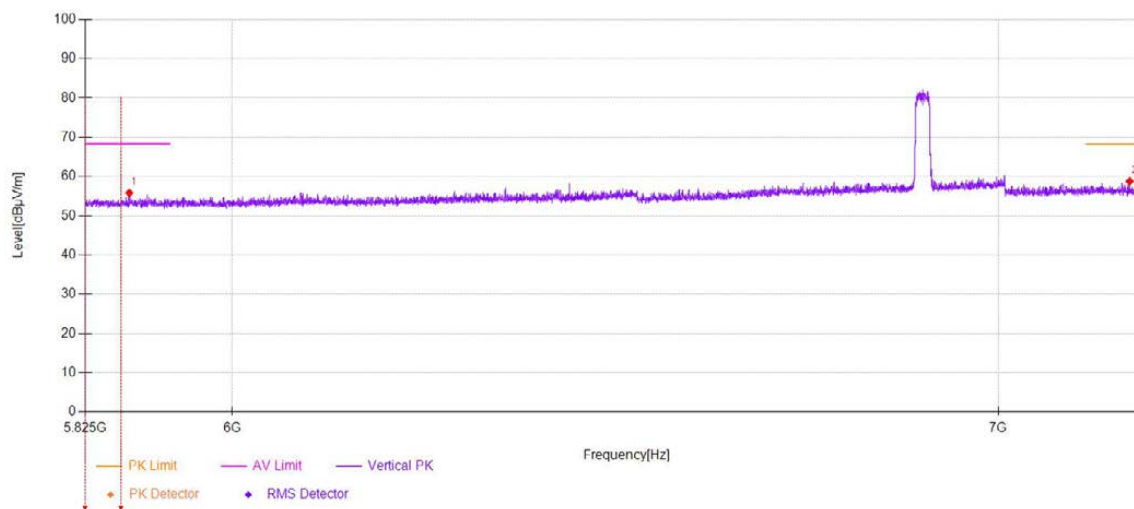
Test mode: 802.11ax(HE20) **Frequency(MHz):** 7115

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5906.8275	55.08	38.95	68.20	13.12	PK	Vertical
2	7150.3925	57.97	42.71	68.20	10.23	PK	Vertical
1	5920.495	55.32	39.00	68.20	12.88	PK	Horizontal
2	7131.2225	58.49	42.65	68.20	9.71	PK	Horizontal
Note: (1) Peak RBW=1 MHz, VBW ≥3×RBW, Detector=Peak; (2) Avg RBW=1 MHz, VBW ≥3×RBW, Detector= RMS; (3) Corrected Reading= Reading Level+Correct Factor; (4) Correct Factor= Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.							

U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20)

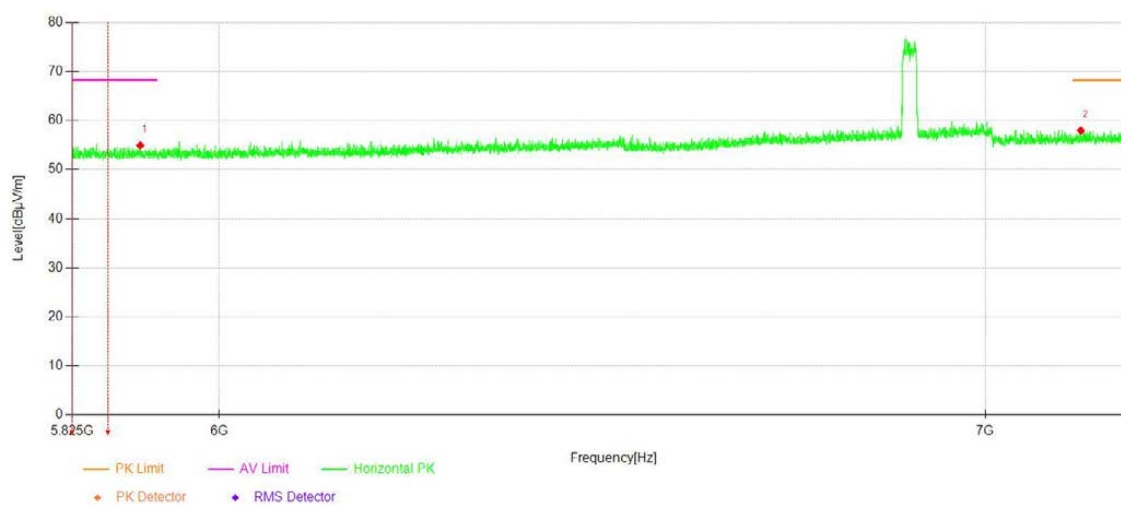
Frequency(MHz): 6895 Ant.Pol: V



U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20)

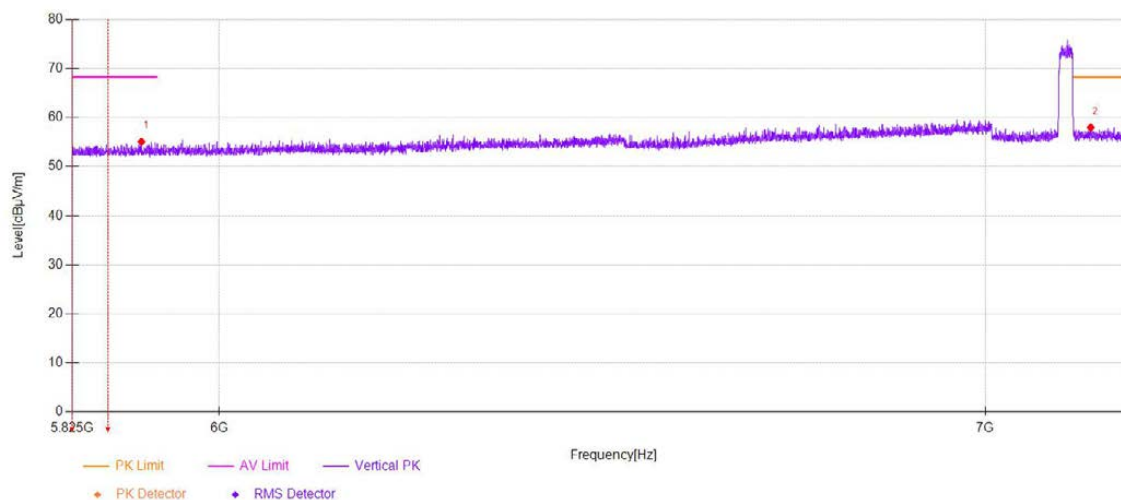
Frequency(MHz): 6895 Ant.Pol: H



U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20)

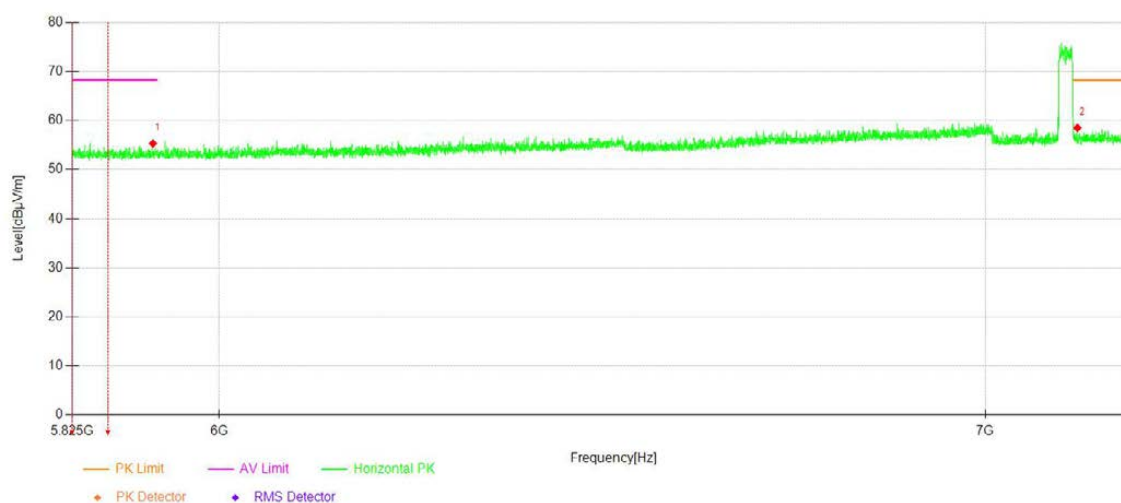
Frequency(MHz): 7115Ant.Pol: V



U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11ax(HE20)

Frequency(MHz): 7115Ant.Pol: H



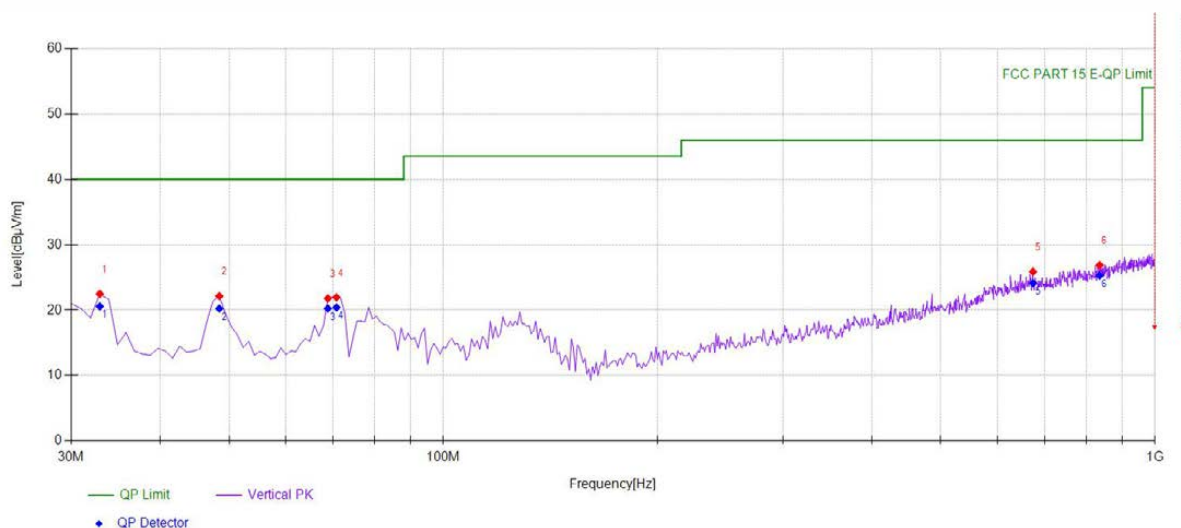
■ **Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)**

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)

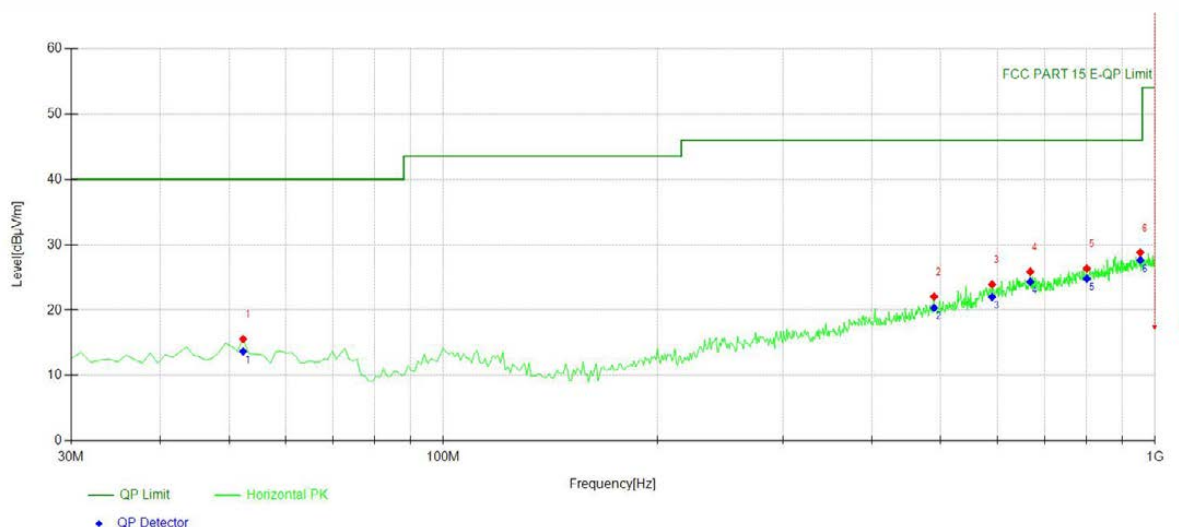
Test mode: 802.11ax(HE20)

Frequency(MHz): 5955



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	32.9129	40.84	-18.35	22.49	PK	40.00	17.51	Vertical
2	48.4484	39.48	-17.32	22.16	PK	40.00	17.84	Vertical
3	68.8388	41.61	-19.80	21.81	PK	40.00	18.19	Vertical
4	70.7808	42.05	-20.08	21.97	PK	40.00	18.03	Vertical
5	673.7538	32.01	-6.13	25.88	PK	46.00	20.12	Vertical
6	835.9059	30.82	-3.96	26.86	PK	46.00	19.14	Vertical

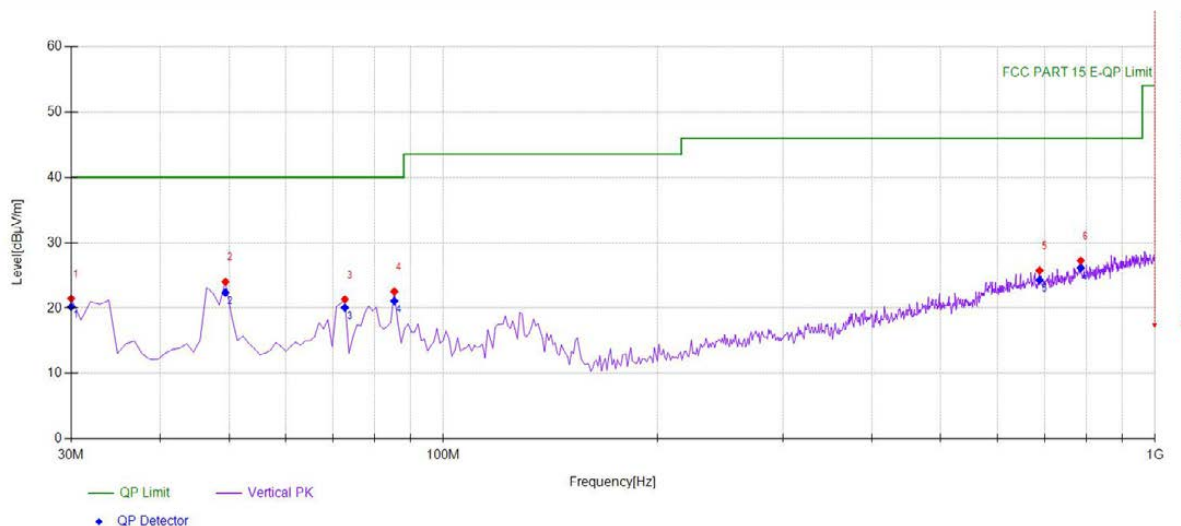


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	52.3323	33.11	-17.52	15.59	PK	40.00	24.41	Horizontal
2	489.2693	31.88	-9.80	22.08	PK	46.00	23.92	Horizontal
3	590.2503	31.07	-7.14	23.93	PK	46.00	22.07	Horizontal
4	667.9279	32.03	-6.15	25.88	PK	46.00	20.12	Horizontal
5	801.9219	30.76	-4.40	26.36	PK	46.00	19.64	Horizontal
6	953.3934	31.13	-2.31	28.82	PK	46.00	17.18	Horizontal

U-NII 5 Band (5925 ~ 6425MHz)

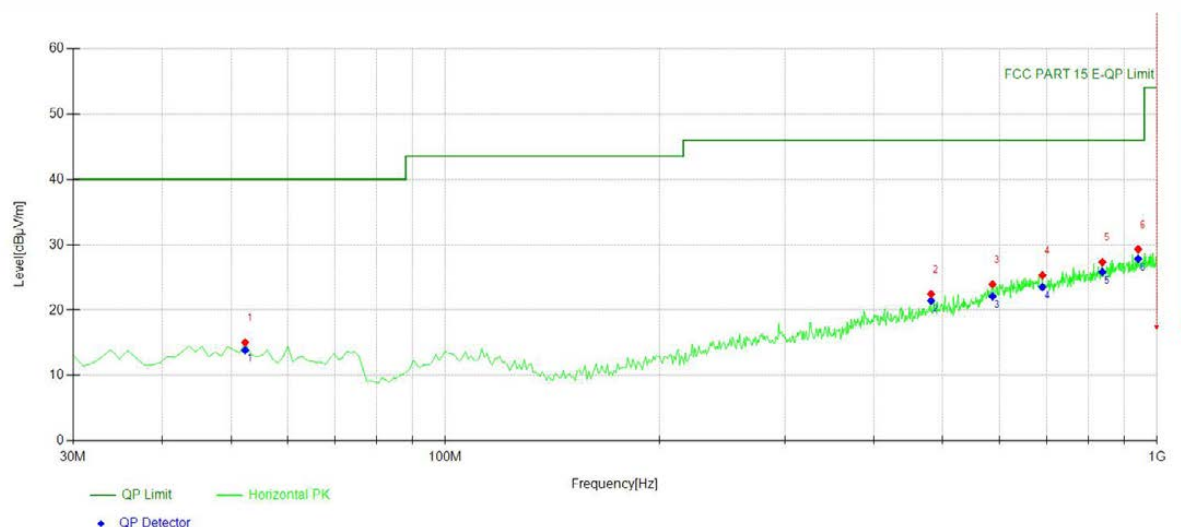
Test mode: 802.11ax(HE20)

Frequency(MHz): 6175



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30	40.00	-18.53	21.47	PK	40.00	18.53	Vertical
2	49.4194	41.28	-17.25	24.03	PK	40.00	15.97	Vertical
3	72.7227	41.74	-20.38	21.36	PK	40.00	18.64	Vertical
4	85.3453	42.78	-20.24	22.54	PK	40.00	17.46	Vertical
5	688.3183	31.79	-6.04	25.75	PK	46.00	20.25	Vertical
6	786.3864	31.81	-4.56	27.25	PK	46.00	18.75	Vertical

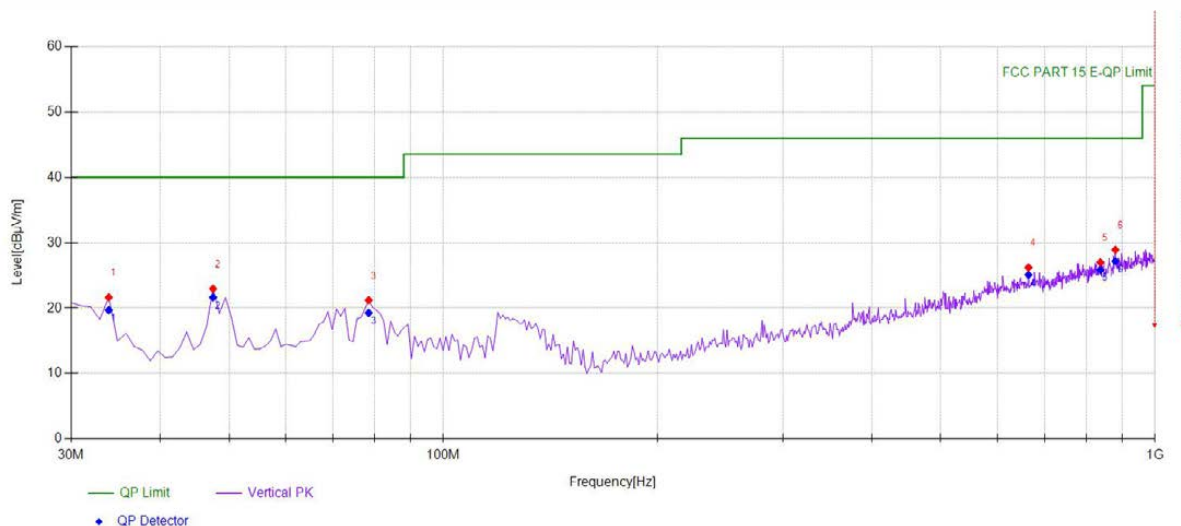


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	52.3323	32.59	-17.52	15.07	PK	40.00	24.93	Horizontal
2	481.5015	32.24	-9.78	22.46	PK	46.00	23.54	Horizontal
3	587.3373	31.09	-7.14	23.95	PK	46.00	22.05	Horizontal
4	690.2603	31.37	-6.03	25.34	PK	46.00	20.66	Horizontal
5	837.8478	31.23	-3.91	27.32	PK	46.00	18.68	Horizontal
6	940.7708	31.74	-2.43	29.31	PK	46.00	16.69	Horizontal

U-NII 5 Band (5925 ~ 6425MHz)

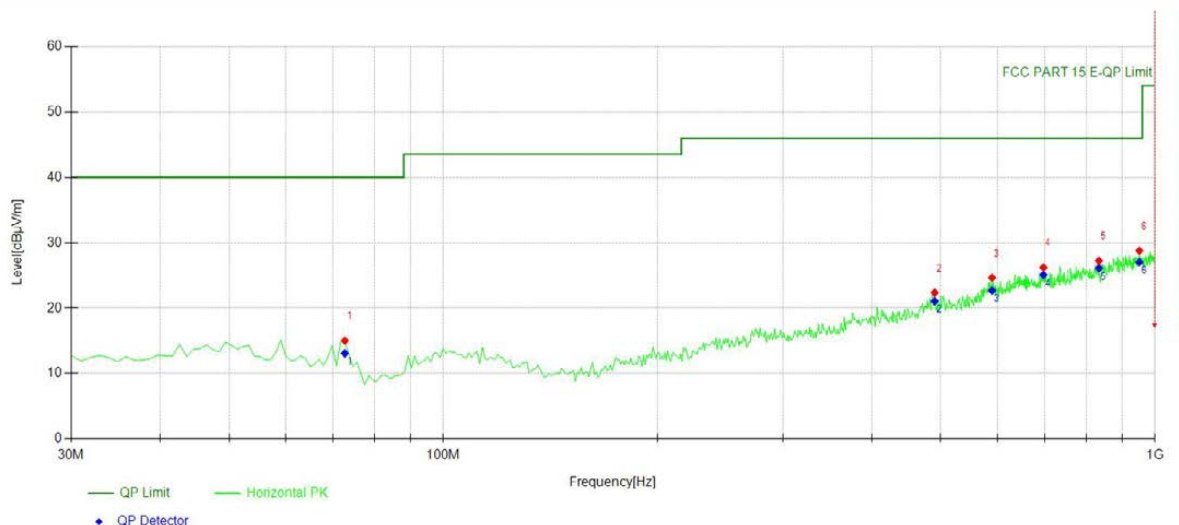
Test mode: 802.11ax(HE20)

Frequency(MHz): 6415



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	39.95	-18.29	21.66	PK	40.00	18.34	Vertical
2	47.4775	40.36	-17.39	22.97	PK	40.00	17.03	Vertical
3	78.5485	42.50	-21.27	21.23	PK	40.00	18.77	Vertical
4	664.044	32.35	-6.14	26.21	PK	46.00	19.79	Vertical
5	837.8478	30.90	-3.91	26.99	PK	46.00	19.01	Vertical
6	879.5996	31.93	-3.00	28.93	PK	46.00	17.07	Vertical



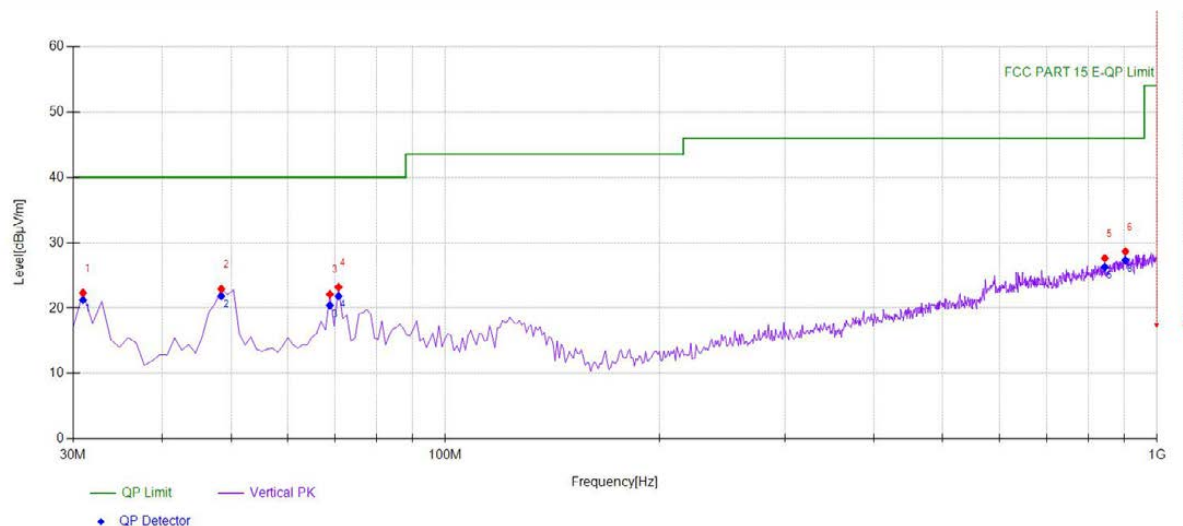
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	72.7227	35.42	-20.38	15.04	PK	40.00	24.96	Horizontal
2	490.2402	32.17	-9.80	22.37	PK	46.00	23.63	Horizontal
3	590.2503	31.79	-7.14	24.65	PK	46.00	21.35	Horizontal
4	697.0571	32.17	-5.97	26.20	PK	46.00	19.80	Horizontal
5	833.964	31.25	-4.02	27.23	PK	46.00	18.77	Horizontal
6	950.4805	31.11	-2.33	28.78	PK	46.00	17.22	Horizontal

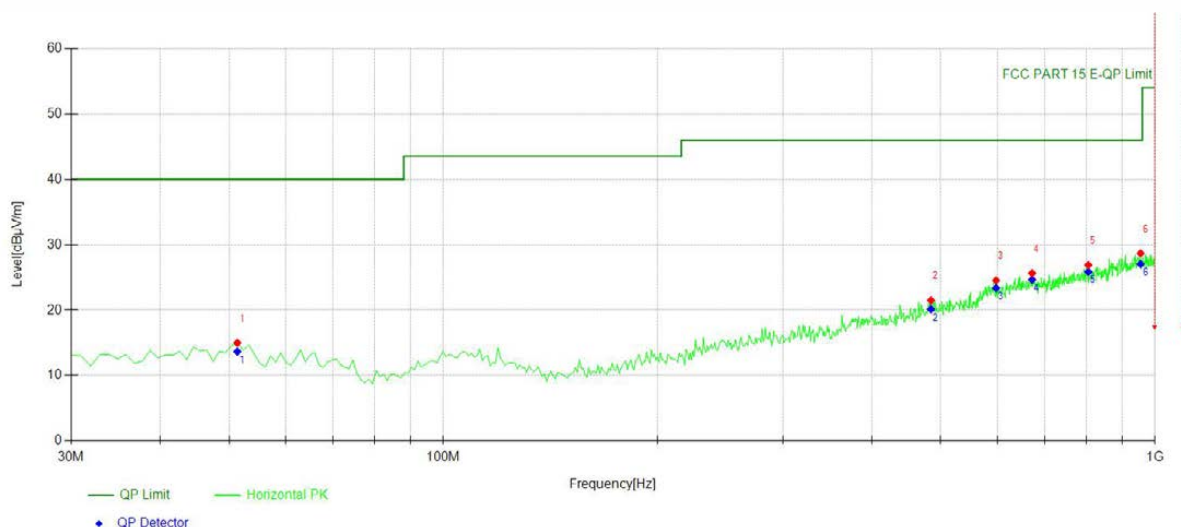
U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11ax(HE20)

Frequency(MHz): 6435



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	30.971	40.81	-18.47	22.34	PK	40.00	17.66	Vertical
2	48.4484	40.26	-17.32	22.94	PK	40.00	17.06	Vertical
3	68.8388	41.93	-19.80	22.13	PK	40.00	17.87	Vertical
4	70.7808	43.28	-20.08	23.20	PK	40.00	16.80	Vertical
5	844.6446	31.47	-3.83	27.64	PK	46.00	18.36	Vertical
6	902.9029	31.50	-2.82	28.68	PK	46.00	17.32	Vertical

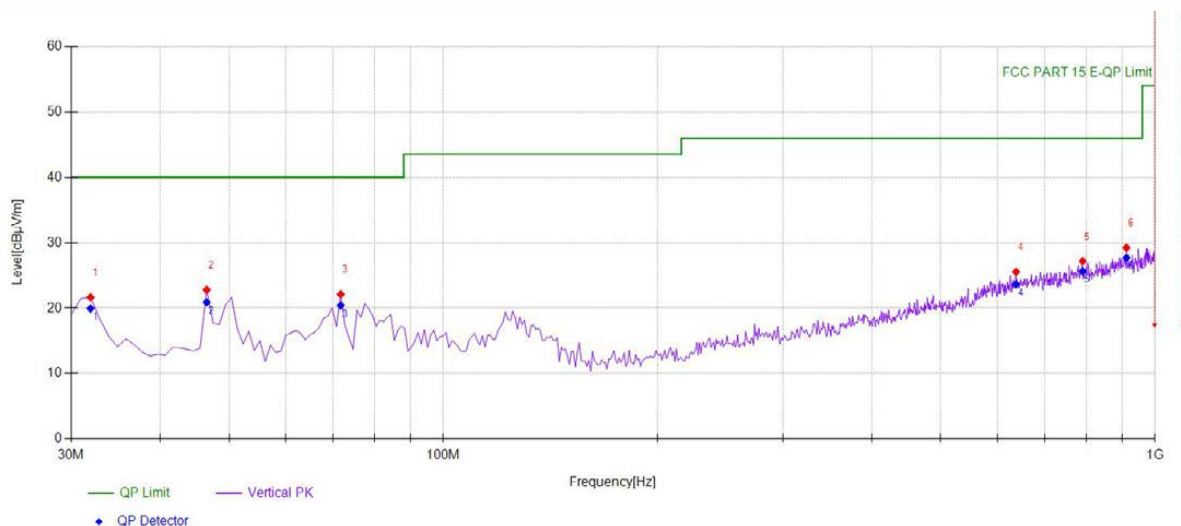


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	51.3614	32.41	-17.39	15.02	PK	40.00	24.98	Horizontal
2	484.4144	31.29	-9.79	21.50	PK	46.00	24.50	Horizontal
3	598.018	31.69	-7.14	24.55	PK	46.00	21.45	Horizontal
4	671.8118	31.79	-6.14	25.65	PK	46.00	20.35	Horizontal
5	805.8058	31.25	-4.37	26.88	PK	46.00	19.12	Horizontal
6	954.3644	31.00	-2.31	28.69	PK	46.00	17.31	Horizontal

U-NII 6 Band (6425 ~ 6525MHz)

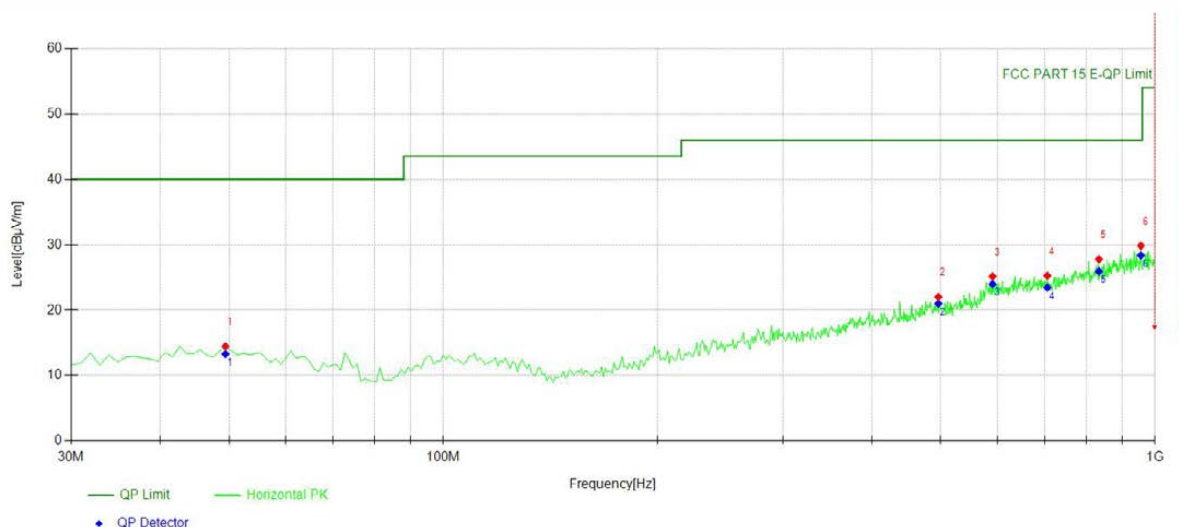
Test mode: 802.11ax(HE20)

Frequency(MHz): 6475



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	31.9419	40.08	-18.41	21.67	PK	40.00	18.33	Vertical
2	46.5065	40.24	-17.45	22.79	PK	40.00	17.21	Vertical
3	71.7518	42.36	-20.23	22.13	PK	40.00	17.87	Vertical
4	637.8278	31.92	-6.36	25.56	PK	46.00	20.44	Vertical
5	791.2412	31.69	-4.51	27.18	PK	46.00	18.82	Vertical
6	911.6416	32.07	-2.84	29.23	PK	46.00	16.77	Vertical

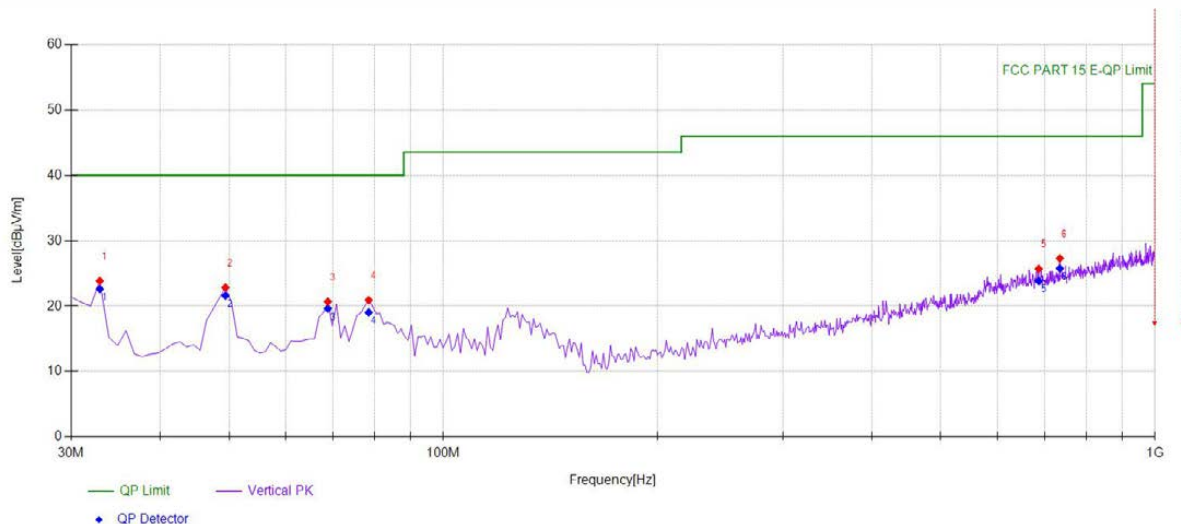


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	49.4194	31.73	-17.25	14.48	PK	40.00	25.52	Horizontal
2	496.0661	31.80	-9.78	22.02	PK	46.00	23.98	Horizontal
3	591.2212	32.30	-7.14	25.16	PK	46.00	20.84	Horizontal
4	705.7958	31.15	-5.88	25.27	PK	46.00	20.73	Horizontal
5	833.964	31.79	-4.02	27.77	PK	46.00	18.23	Horizontal
6	955.3353	32.14	-2.30	29.84	PK	46.00	16.16	Horizontal

U-NII 6 Band (6425 ~ 6525MHz)

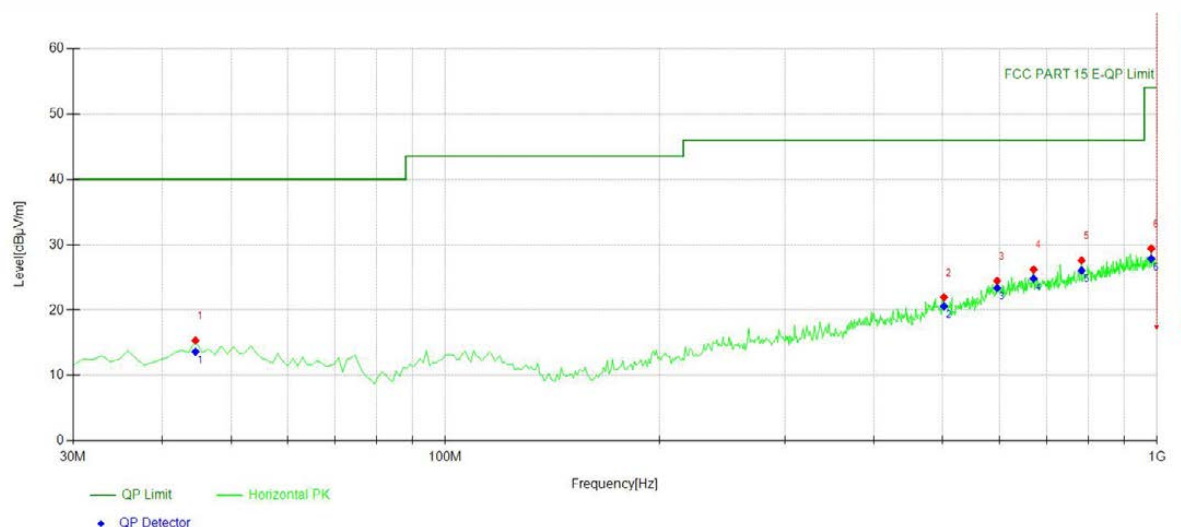
Test mode: 802.11ax(HE20)

Frequency(MHz): 6515



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	32.9129	42.20	-18.35	23.85	PK	40.00	16.15	Vertical
2	49.4194	40.09	-17.25	22.84	PK	40.00	17.16	Vertical
3	68.8388	40.50	-19.80	20.70	PK	40.00	19.30	Vertical
4	78.5485	42.19	-21.27	20.92	PK	40.00	19.08	Vertical
5	686.3764	31.77	-6.06	25.71	PK	46.00	20.29	Vertical
6	734.9249	32.78	-5.49	27.29	PK	46.00	18.71	Vertical



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	44.5646	32.97	-17.59	15.38	PK	40.00	24.62	Horizontal
2	501.8919	31.74	-9.76	21.98	PK	46.00	24.02	Horizontal
3	596.0761	31.63	-7.14	24.49	PK	46.00	21.51	Horizontal
4	670.8408	32.35	-6.14	26.21	PK	46.00	19.79	Horizontal
5	783.4735	32.20	-4.59	27.61	PK	46.00	18.39	Horizontal
6	981.5516	31.20	-1.78	29.42	PK	54.00	24.58	Horizontal