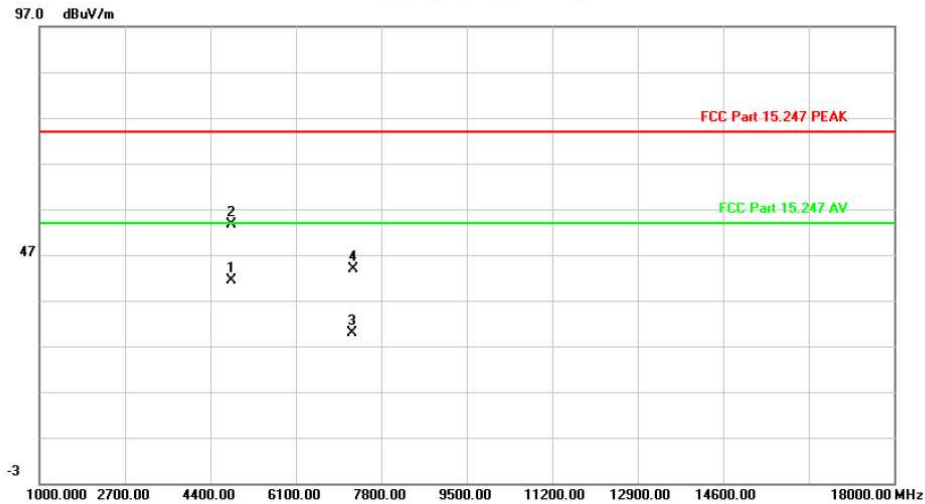


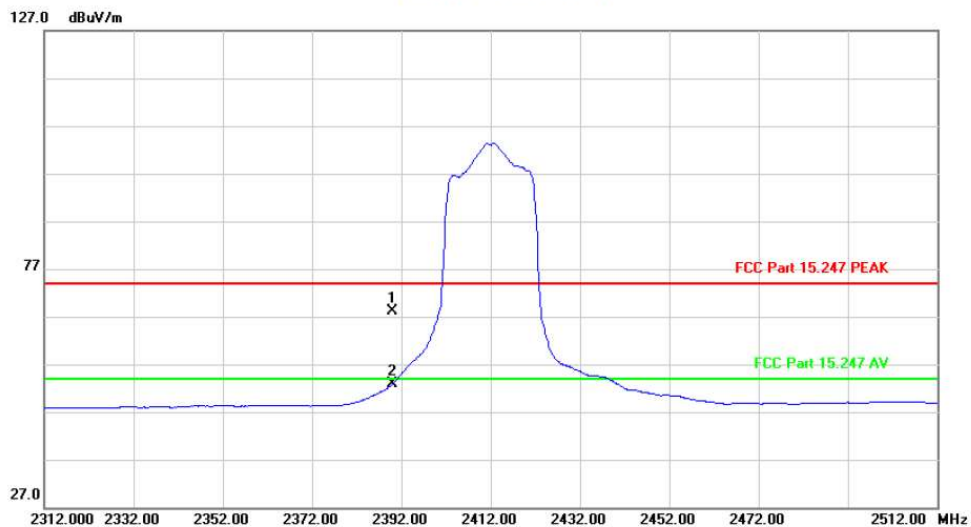
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	4823.925	51.42	-10.02	41.40	54.00	-12.60	AVG		
2		4828.400	63.70	-10.00	53.70	74.00	-20.30	peak		
3		7230.807	35.22	-5.35	29.87	54.00	-24.13	AVG		
4		7236.885	49.30	-5.33	43.97	74.00	-30.03	peak		

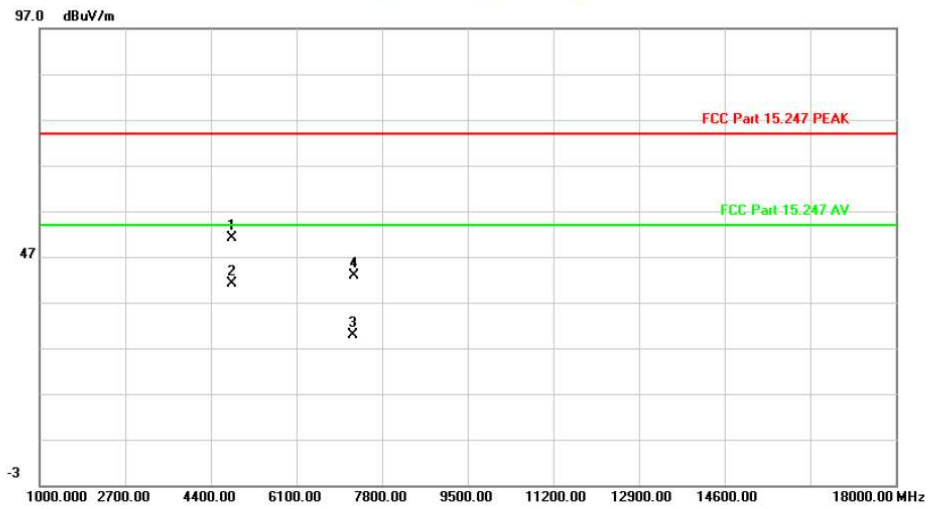
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	40.15	27.91	68.06	74.00	-5.94	peak		
2	*	2390.000	25.00	27.91	52.91	54.00	-1.09	AVG		

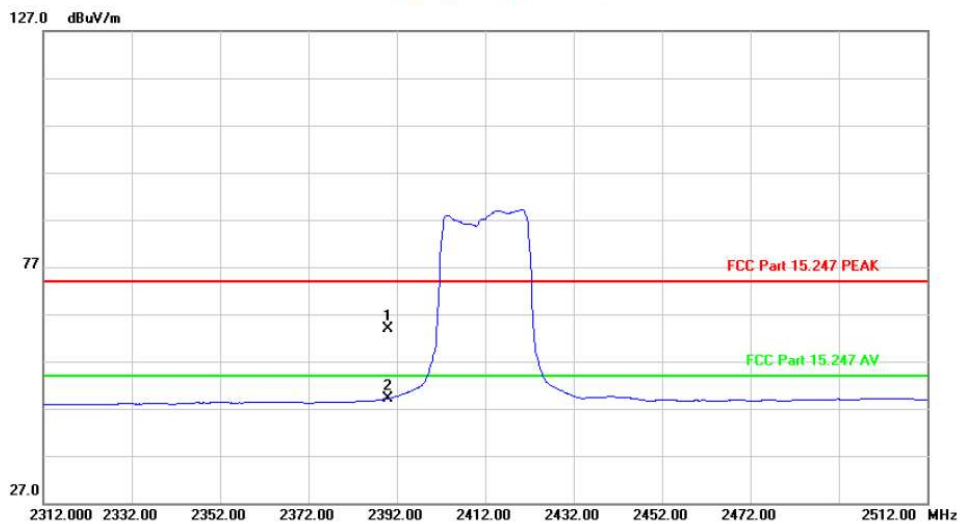
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		4814.800	61.10	-10.07	51.03	74.00	-22.97	peak	
2	*	4817.335	51.29	-10.05	41.24	54.00	-12.76	AVG	
3		7231.788	35.29	-5.35	29.94	54.00	-24.06	AVG	
4		7235.033	48.32	-5.34	42.98	74.00	-31.02	peak	

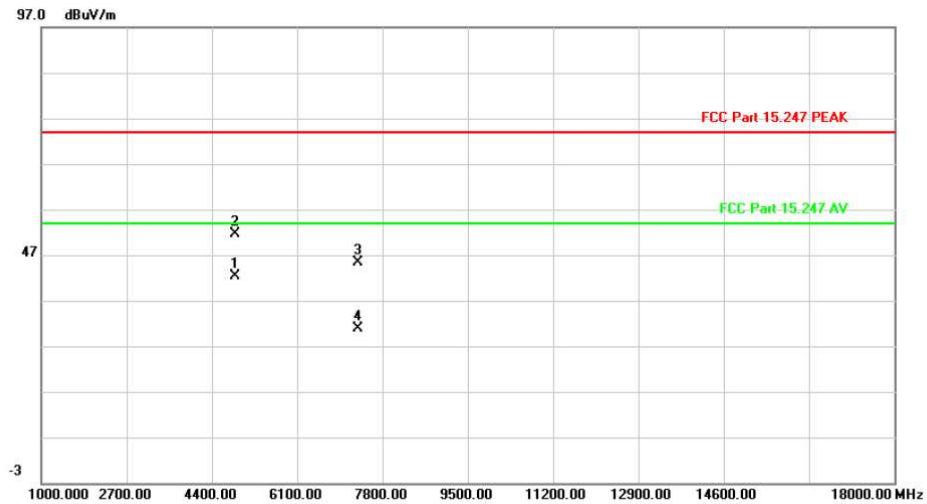
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		2390.000	35.91	27.91	63.82	74.00	-10.18	peak	
2	*	2390.000	21.15	27.91	49.06	54.00	-4.94	AVG	

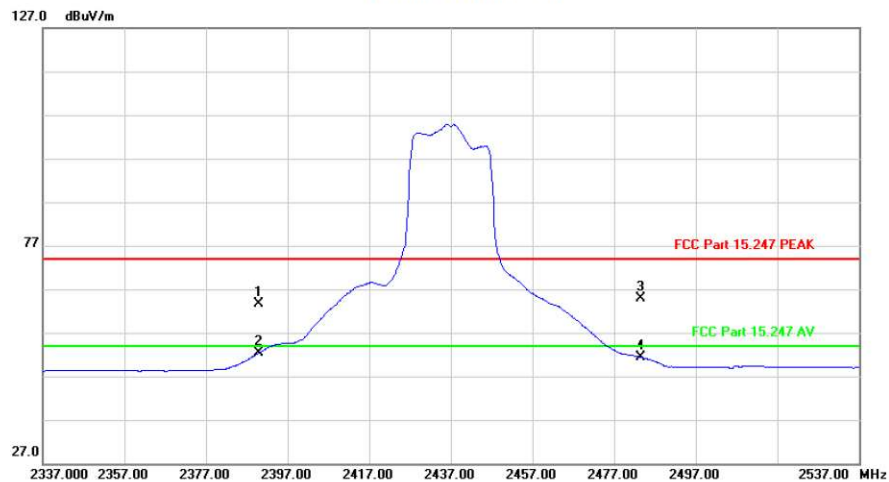
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	4873.565	52.09	-9.77	42.32	54.00	-11.68	AVG		
2		4874.867	61.29	-9.77	51.52	74.00	-22.48	peak		
3		7312.167	50.58	-5.10	45.48	74.00	-28.52	peak		
4		7319.813	36.03	-5.07	30.96	54.00	-23.04	AVG		

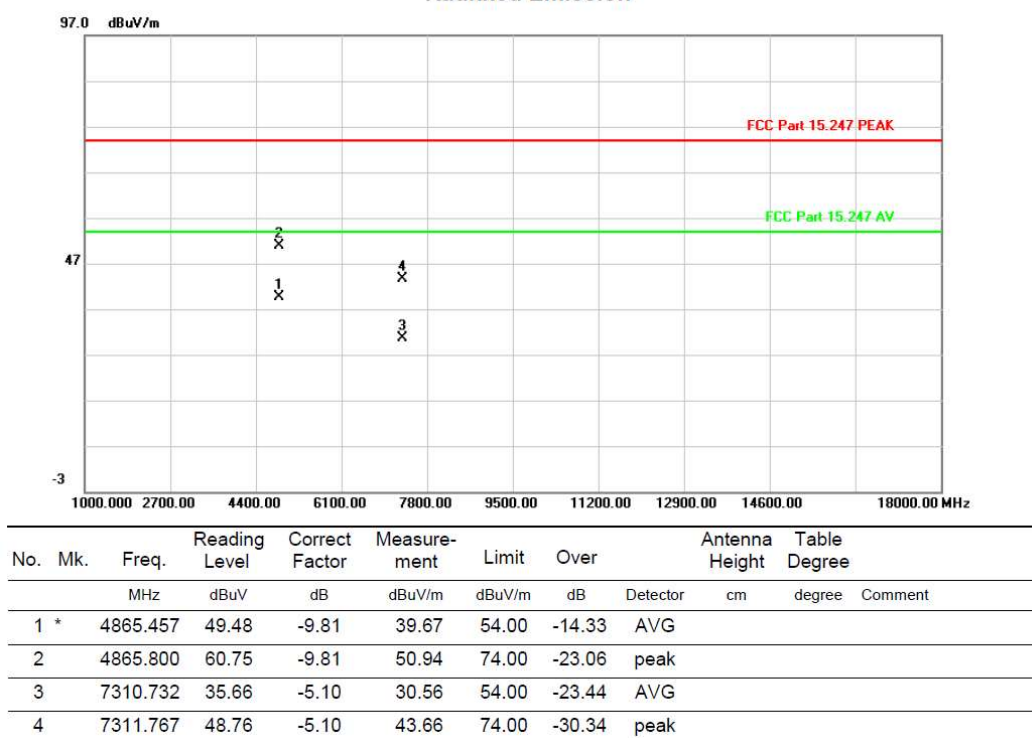
Radiated Emission



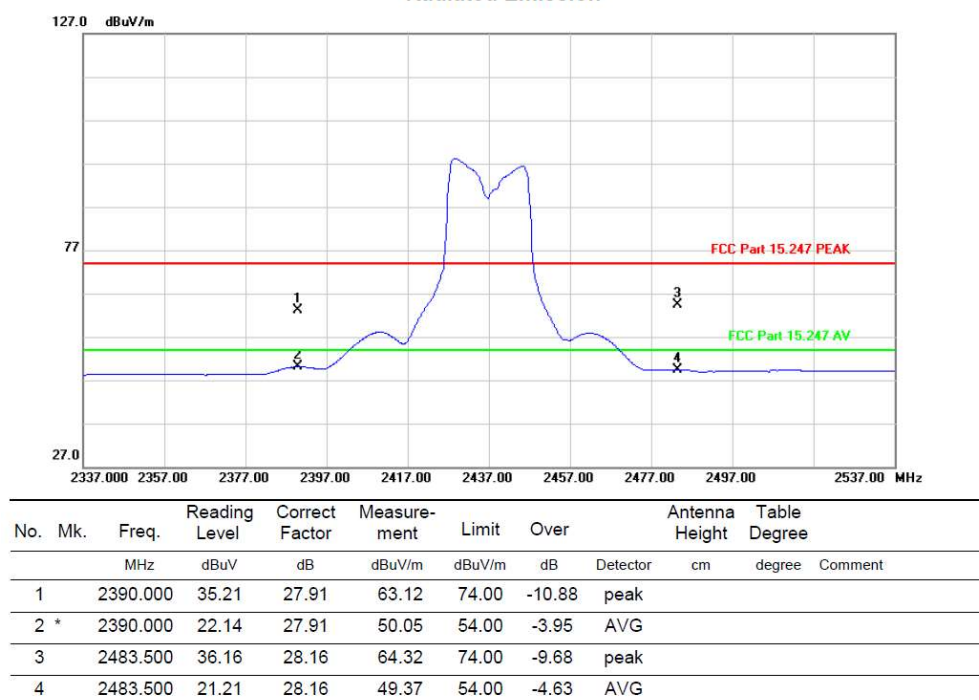
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	35.65	27.91	63.56	74.00	-10.44	peak		
2	*	2390.000	24.49	27.91	52.40	54.00	-1.60	AVG		
3		2483.500	36.65	28.16	64.81	74.00	-9.19	peak		
4		2483.500	23.19	28.16	51.35	54.00	-2.65	AVG		

HORIZONTALA

Radiated Emission

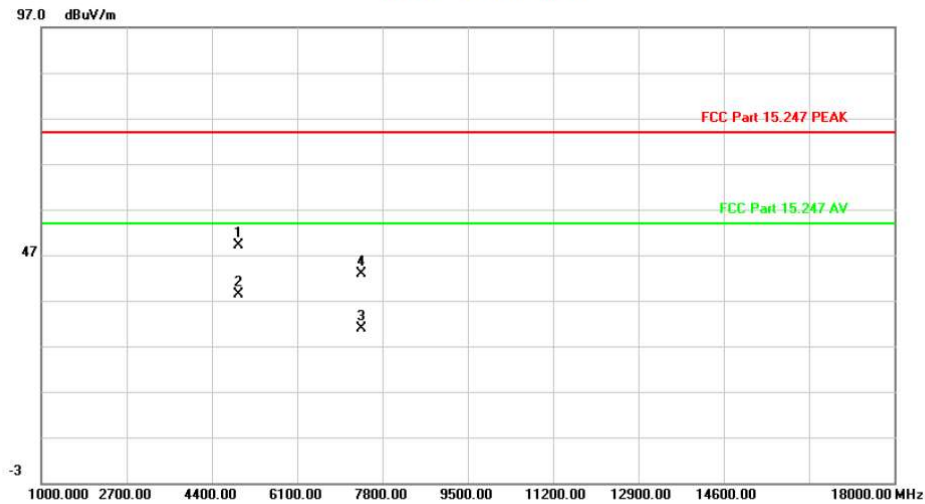


Radiated Emission



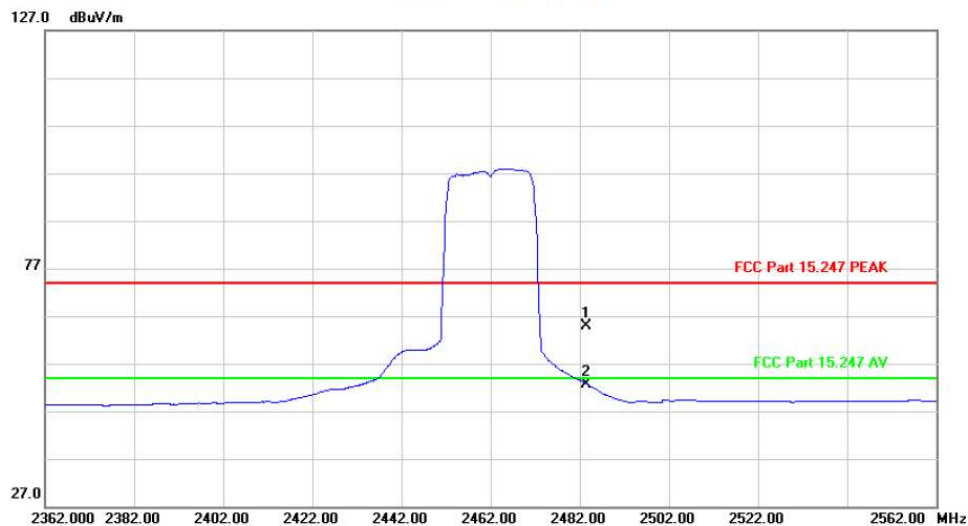
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.167	58.60	-9.52	49.08	74.00	-24.92	peak		
2 *		4924.450	47.93	-9.52	38.41	54.00	-15.59	AVG		
3		7381.048	35.80	-4.89	30.91	54.00	-23.09	AVG		
4		7387.467	47.82	-4.87	42.95	74.00	-31.05	peak		

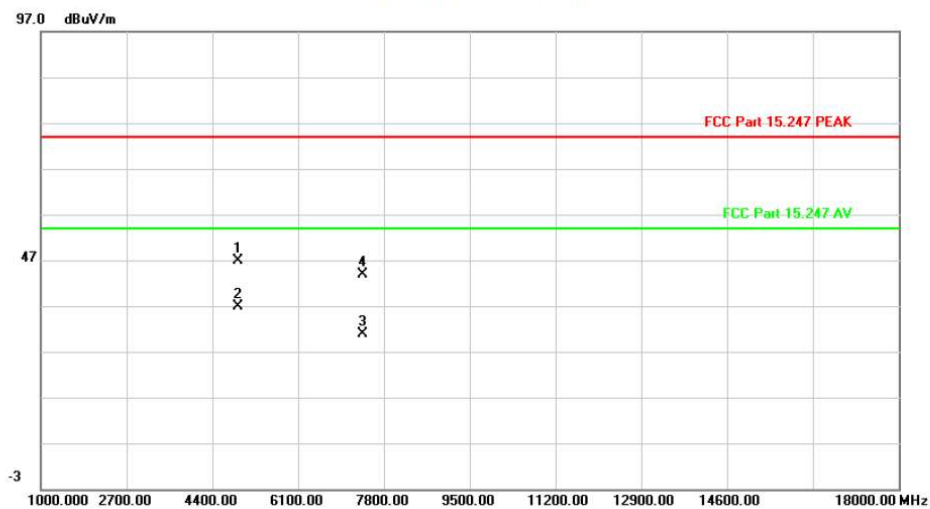
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	36.66	28.16	64.82	74.00	-9.18	peak		
2 *		2483.500	24.51	28.16	52.67	54.00	-1.33	AVG		

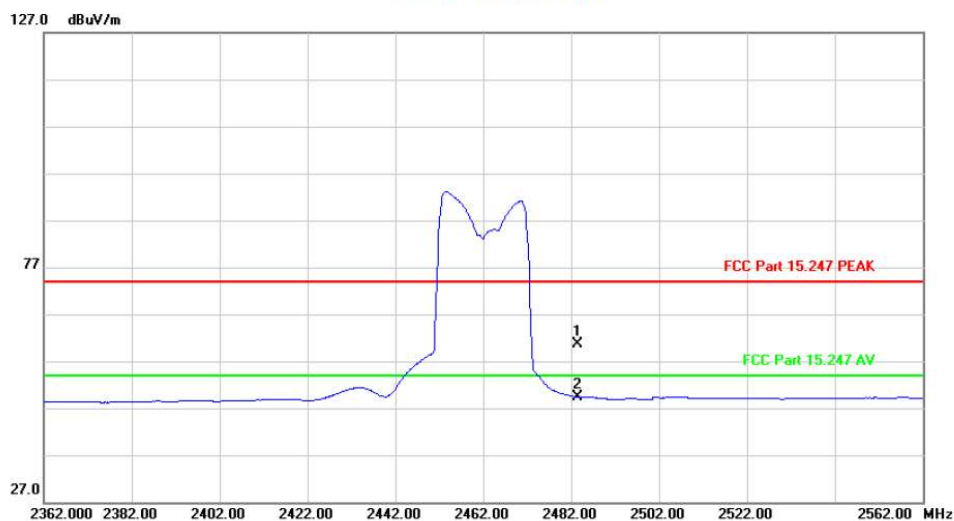
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4918.500	56.41	-9.55	46.86	74.00	-27.14			peak
2 *		4919.067	46.30	-9.54	36.76	54.00	-17.24			AVG
3		7380.374	35.77	-4.89	30.88	54.00	-23.12			AVG
4		7386.733	48.82	-4.87	43.95	74.00	-30.05			peak

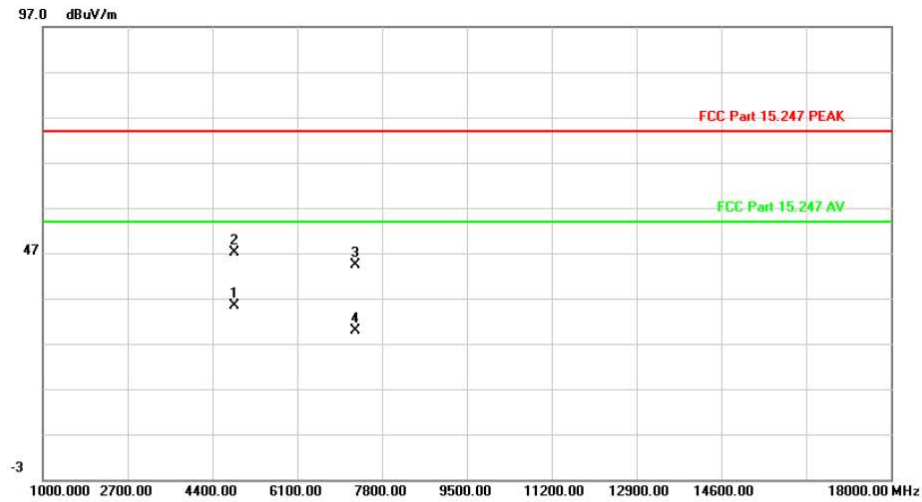
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	32.50	28.16	60.66	74.00	-13.34			peak
2 *		2483.500	21.22	28.16	49.38	54.00	-4.62			AVG

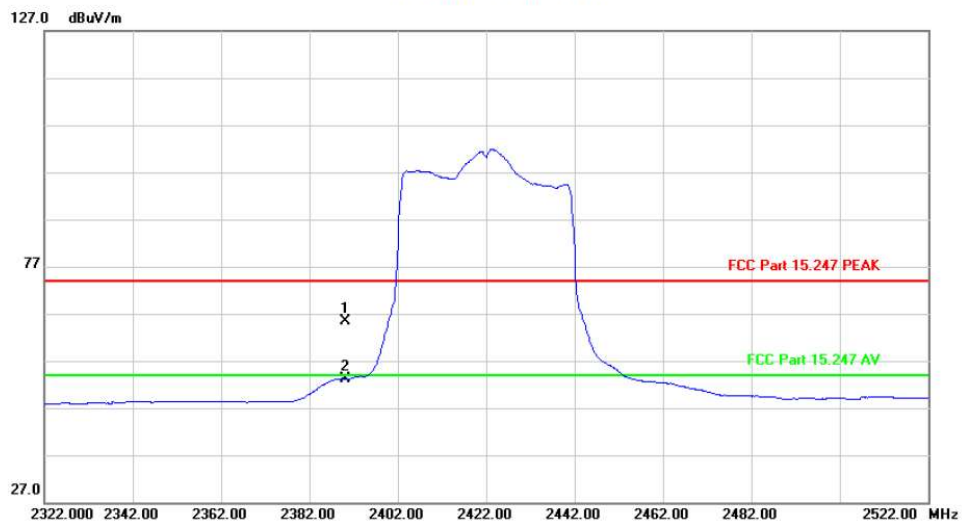
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	4844.304	45.40	-9.92	35.48	54.00	-18.52	AVG		
2		4844.833	57.12	-9.92	47.20	74.00	-26.80	peak		
3		7266.967	49.60	-5.24	44.36	74.00	-29.64	peak		
4		7273.421	35.13	-5.22	29.91	54.00	-24.09	AVG		

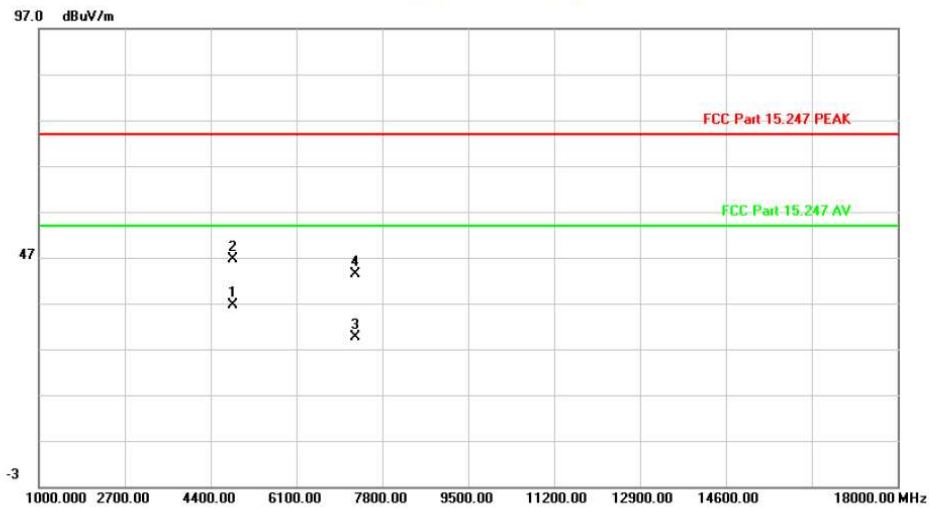
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	37.48	27.91	65.39	74.00	-8.61	peak		
2	*	2390.000	25.32	27.91	53.23	54.00	-0.77	AVG		

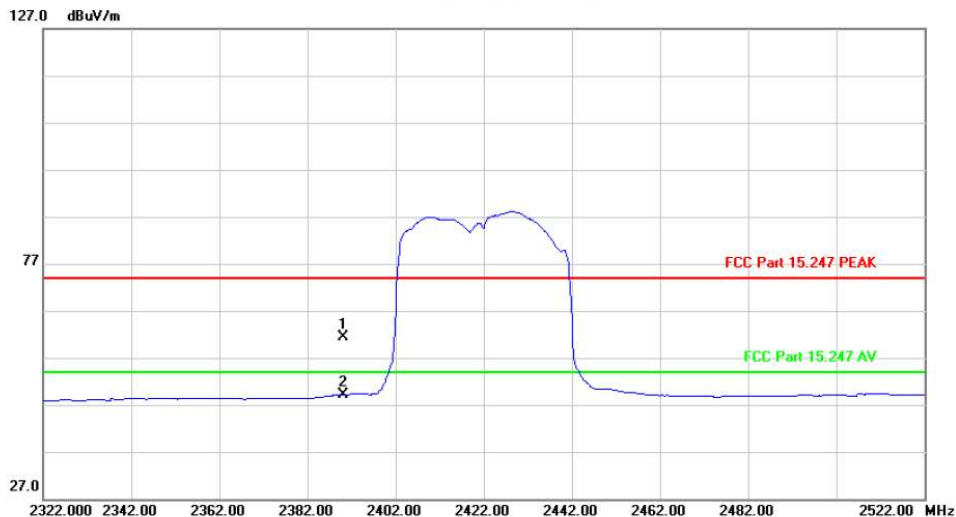
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	4833.753	46.56	-9.97	36.59	54.00	-17.41	AVG		
2		4835.200	56.48	-9.96	46.52	74.00	-27.48	peak		
3		7264.855	34.88	-5.24	29.64	54.00	-24.36	AVG		
4		7266.500	48.63	-5.24	43.39	74.00	-30.61	peak		

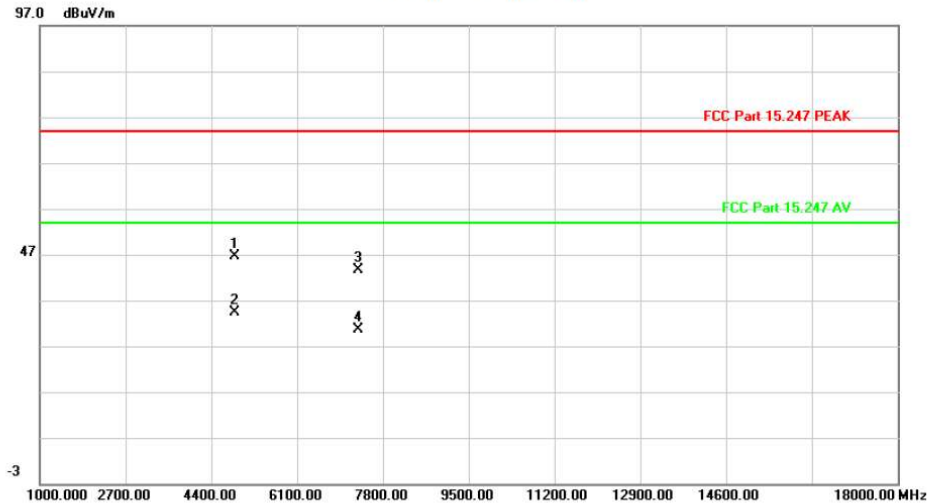
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	33.49	27.91	61.40	74.00	-12.60	peak		
2	*	2390.000	21.16	27.91	49.07	54.00	-4.93	AVG		

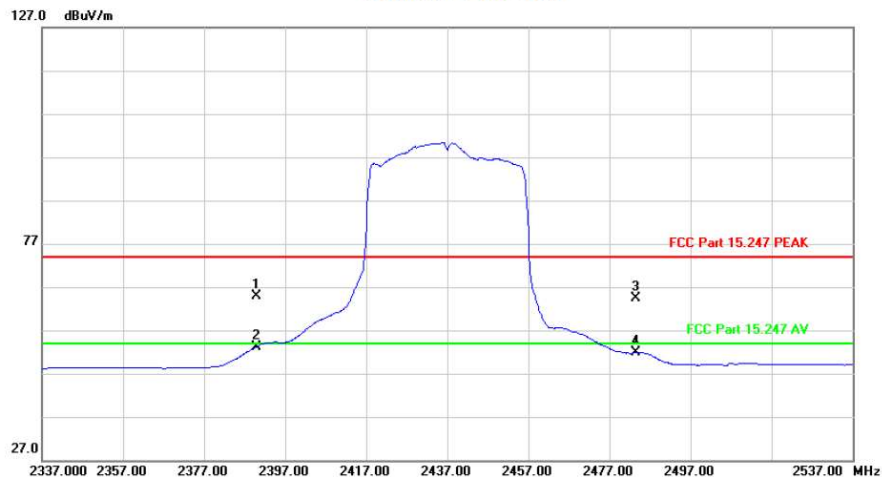
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4859.000	56.51	-9.85	46.66	74.00	-27.34	peak		
2	*	4859.379	44.26	-9.84	34.42	54.00	-19.58	AVG		
3		7311.500	48.77	-5.10	43.67	74.00	-30.33	peak		
4		7314.390	35.60	-5.09	30.51	54.00	-23.49	AVG		

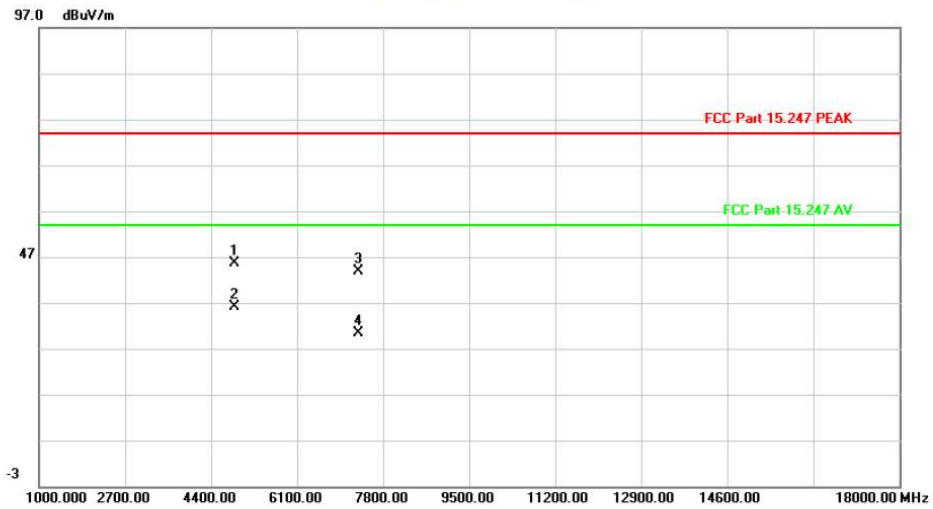
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	36.91	27.91	64.82	74.00	-9.18	peak		
2	*	2390.000	25.33	27.91	53.24	54.00	-0.76	AVG		
3		2483.500	36.24	28.16	64.40	74.00	-9.60	peak		
4		2483.500	23.66	28.16	51.82	74.00	-22.18	QP		

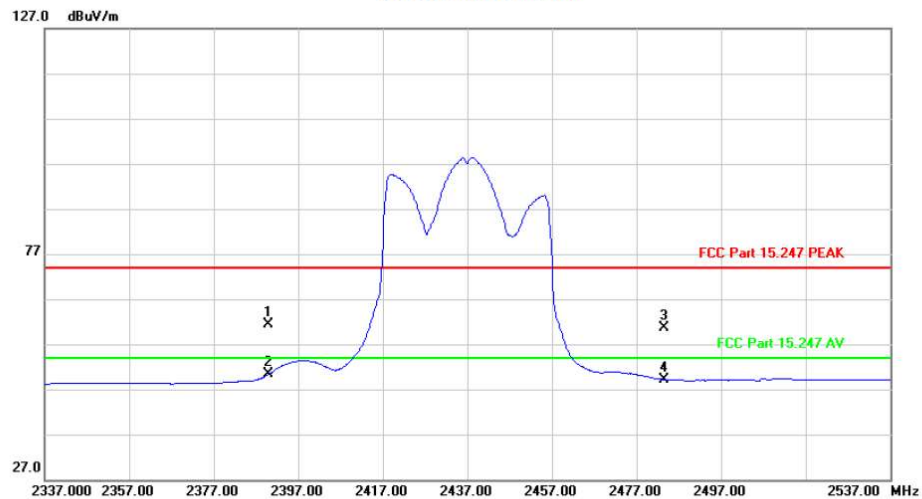
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4866.367	55.32	-9.81	45.51	74.00	-28.49	peak		
2	*	4866.544	45.93	-9.81	36.12	54.00	-17.88	AVG		
3		7311.900	49.05	-5.10	43.95	74.00	-30.05	peak		
4		7315.215	35.56	-5.09	30.47	54.00	-23.53	AVG		

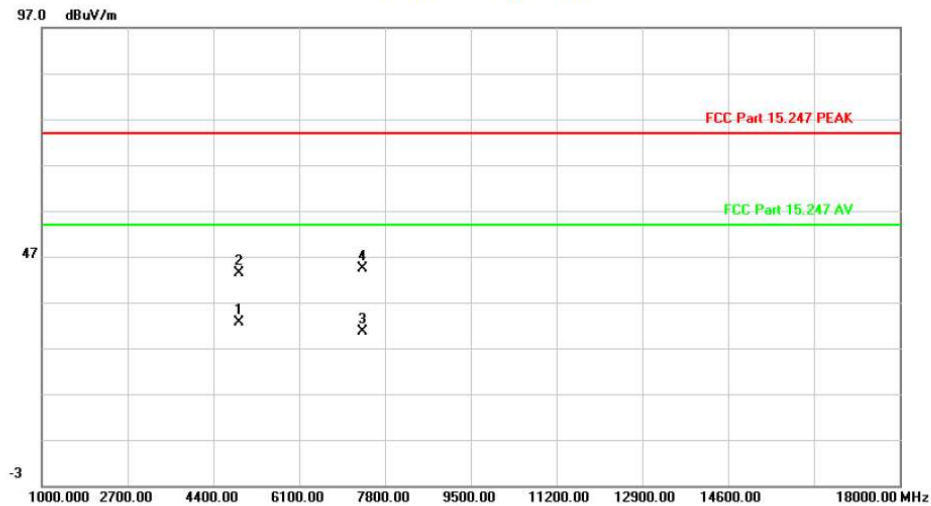
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	33.47	27.91	61.38	74.00	-12.62	peak		
2	*	2390.000	22.46	27.91	50.37	54.00	-3.63	AVG		
3		2483.500	32.55	28.16	60.71	74.00	-13.29	peak		
4		2483.500	20.99	28.16	49.15	54.00	-4.85	AVG		

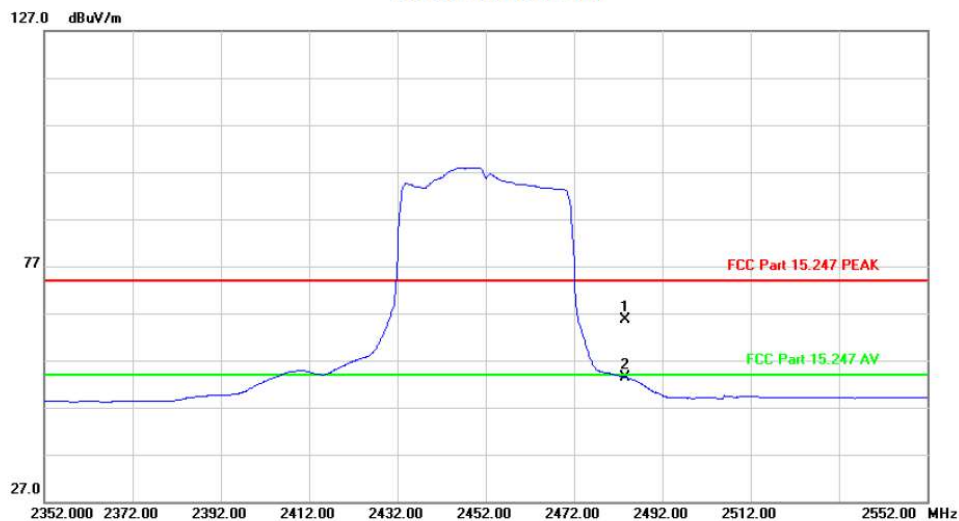
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	4904.592	42.19	-9.62	32.57	54.00	-21.43	AVG		
2		4904.900	53.02	-9.62	43.40	74.00	-30.60	peak		
3		7350.396	35.69	-4.98	30.71	54.00	-23.29	AVG		
4		7356.850	49.22	-4.96	44.26	74.00	-29.74	peak		

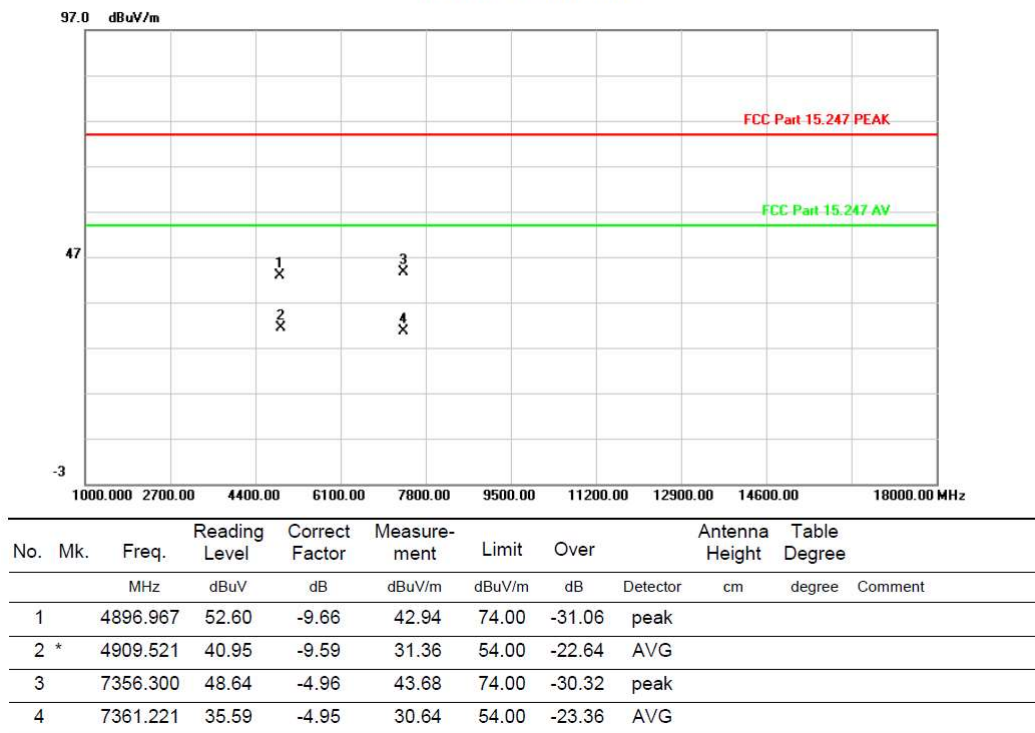
Radiated Emission



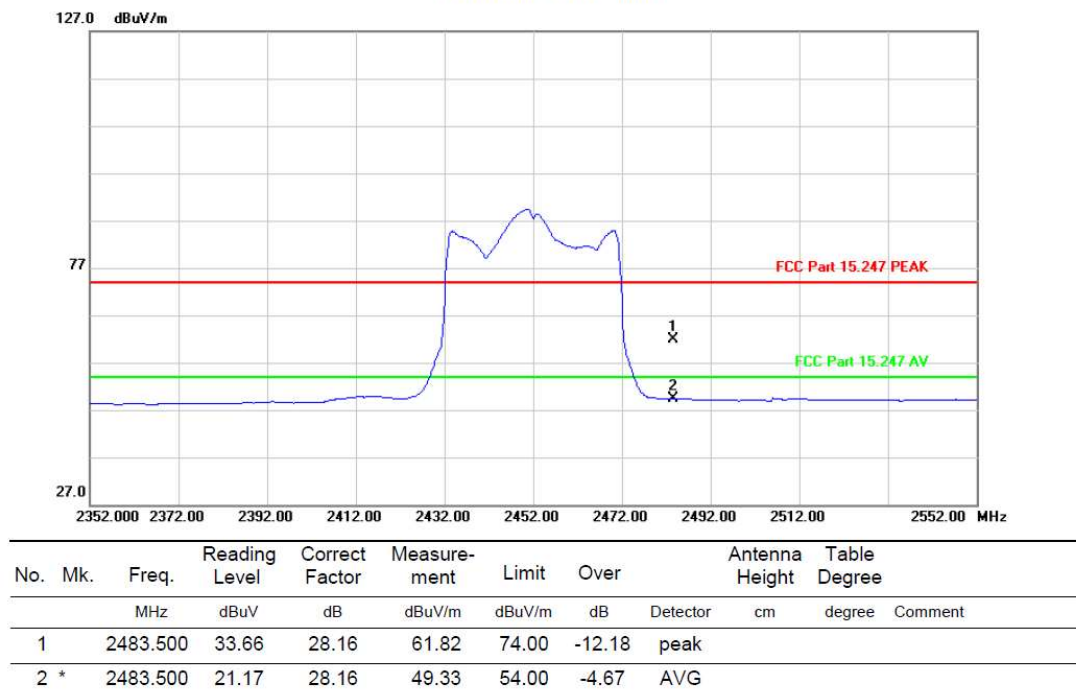
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2483.500	37.55	28.16	65.71	74.00	-8.29	peak		
2	*	2483.500	25.25	28.16	53.41	54.00	-0.59	AVG		

HORIZONTALA

Radiated Emission



Radiated Emission



Note: The high frequency, which started from 18GHz to 26.5GHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

3.3 Spurious Emission at Antenna Port

3.3.1 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

3.3.2 Test Procedure

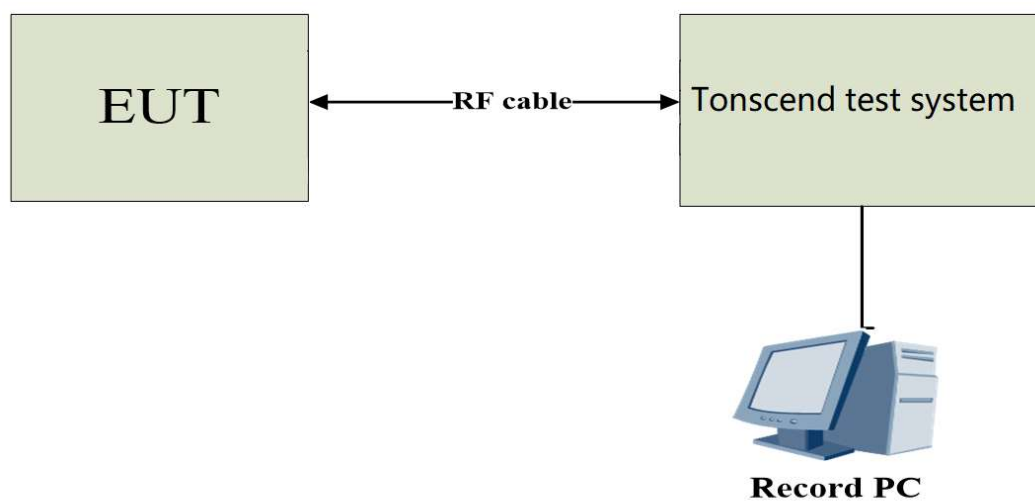
Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) Spectrum Setting as below:

Centre Frequency	The centre frequency of the channel under test
Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

3.3.3 Test Setup



3.3.4 The Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant0	2412	Reference	12.85	12.85	---	PASS
			30~1000	12.85	-61.92	≤-17.15	PASS
			1000~26500	12.85	-42.06	≤-17.15	PASS
	Ant1	2412	Reference	13.11	13.11	---	PASS
			30~1000	13.11	-61.35	≤-16.89	PASS
			1000~26500	13.11	-41.88	≤-16.89	PASS
	Ant0	2437	Reference	18.13	18.13	---	PASS
			30~1000	18.13	-60.1	≤-11.87	PASS
			1000~26500	18.13	-34.8	≤-11.87	PASS
	Ant1	2437	Reference	18.73	18.73	---	PASS
			30~1000	18.73	-59.78	≤-11.27	PASS
			1000~26500	18.73	-32.94	≤-11.27	PASS
	Ant0	2462	Reference	13.13	13.13	---	PASS
			30~1000	13.13	-61.47	≤-16.87	PASS
			1000~26500	13.13	-45.36	≤-16.87	PASS
	Ant1	2462	Reference	13.47	13.47	---	PASS
			30~1000	13.47	-61.39	≤-16.53	PASS
			1000~26500	13.47	-42.04	≤-16.53	PASS
11G-CDD	Ant0	2412	Reference	9.44	9.44	---	PASS
			30~1000	9.44	-61.87	≤-20.56	PASS
			1000~26500	9.44	-47.83	≤-20.56	PASS
	Ant1	2412	Reference	10.50	10.50	---	PASS
			30~1000	10.50	-61.4	≤-19.5	PASS
			1000~26500	10.50	-42.66	≤-19.5	PASS
	Ant0	2437	Reference	15.13	15.13	---	PASS
			30~1000	15.13	-61.85	≤-14.87	PASS
			1000~26500	15.13	-45.44	≤-14.87	PASS
	Ant1	2437	Reference	16.80	16.80	---	PASS
			30~1000	16.80	-61.19	≤-13.2	PASS
			1000~26500	16.80	-42.23	≤-13.2	PASS
	Ant0	2462	Reference	9.19	9.19	---	PASS
			30~1000	9.19	-61.98	≤-20.81	PASS
			1000~26500	9.19	-42.21	≤-20.81	PASS
	Ant1	2462	Reference	9.59	9.59	---	PASS
			30~1000	9.59	-62.05	≤-20.41	PASS
			1000~26500	9.59	-47.65	≤-20.41	PASS
11AX20MIMO	Ant0	2412	Reference	8.45	8.45	---	PASS
			30~1000	8.45	-62.14	≤-21.55	PASS
			1000~26500	8.45	-47.4	≤-21.55	PASS
	Ant1	2412	Reference	9.46	9.46	---	PASS

			30~1000	9.46	-61.44	≤-20.54	PASS
			1000~26500	9.46	-47.3	≤-20.54	PASS
	Ant0	2437	Reference	15.04	15.04	---	PASS
			30~1000	15.04	-61.46	≤-14.96	PASS
			1000~26500	15.04	-47.47	≤-14.96	PASS
	Ant1	2437	Reference	14.07	14.07	---	PASS
			30~1000	14.07	-61.46	≤-15.93	PASS
			1000~26500	14.07	-45.05	≤-15.93	PASS
	Ant0	2462	Reference	7.46	7.46	---	PASS
			30~1000	7.46	-62.57	≤-22.54	PASS
			1000~26500	7.46	-48.39	≤-22.54	PASS
	Ant1	2462	Reference	8.24	8.24	---	PASS
			30~1000	8.24	-61.63	≤-21.76	PASS
			1000~26500	8.24	-47.68	≤-21.76	PASS
11AX40MIMO	Ant0	2422	Reference	5.78	5.78	---	PASS
			30~1000	5.78	-61.69	≤-24.22	PASS
			1000~26500	5.78	-44.69	≤-24.22	PASS
	Ant1	2422	Reference	6.36	6.36	---	PASS
			30~1000	6.36	-61.14	≤-23.64	PASS
			1000~26500	6.36	-47.52	≤-23.64	PASS
	Ant0	2437	Reference	6.37	6.37	---	PASS
			30~1000	6.37	-62.24	≤-23.63	PASS
			1000~26500	6.37	-47.51	≤-23.63	PASS
	Ant1	2437	Reference	7.20	7.20	---	PASS
			30~1000	7.20	-62.11	≤-22.8	PASS
			1000~26500	7.20	-44.59	≤-22.8	PASS
	Ant0	2452	Reference	1.58	1.58	---	PASS
			30~1000	1.58	-61.79	≤-28.42	PASS
			1000~26500	1.58	-45.1	≤-28.42	PASS
	Ant1	2452	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-61.74	≤-28.05	PASS
			1000~26500	1.95	-43.43	≤-28.05	PASS
11BE20MIMO	Ant0	2412	Reference	8.99	8.99	---	PASS
			30~1000	8.99	-62.03	≤-21.01	PASS
			1000~26500	8.99	-43.72	≤-21.01	PASS
	Ant1	2412	Reference	9.08	9.08	---	PASS
			30~1000	9.08	-61.44	≤-20.92	PASS
			1000~26500	9.08	-46.7	≤-20.92	PASS
	Ant0	2437	Reference	13.75	13.75	---	PASS
			30~1000	13.75	-61.9	≤-16.25	PASS
			1000~26500	13.75	-48.13	≤-16.25	PASS
	Ant1	2437	Reference	13.98	13.98	---	PASS
			30~1000	13.98	-60.66	≤-16.02	PASS

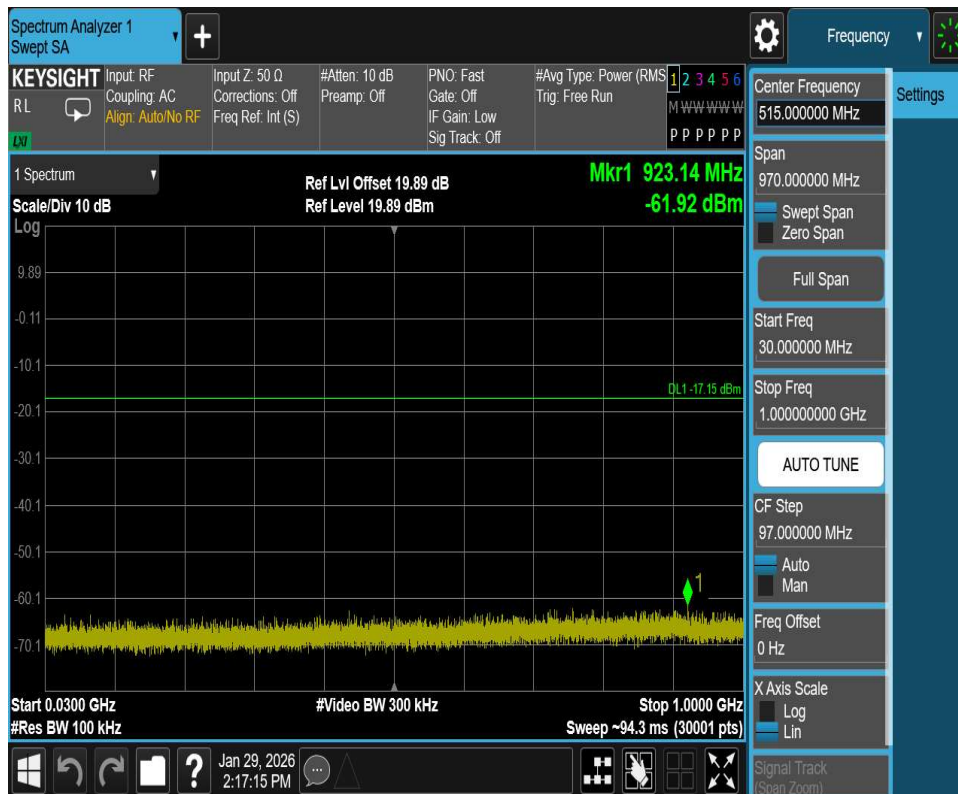
	Ant0	2462	1000~26500	13.98	-46.64	≤ -16.02	PASS
			Reference	8.34	8.34	---	PASS
			30~1000	8.34	-61.76	≤ -21.66	PASS
			1000~26500	8.34	-42.12	≤ -21.66	PASS
	Ant1	2462	Reference	7.61	7.61	---	PASS
			30~1000	7.61	-54.5	≤ -22.39	PASS
			1000~26500	7.61	-45.73	≤ -22.39	PASS
11BE40MIMO	Ant0	2422	Reference	3.37	3.37	---	PASS
			30~1000	3.37	-61.79	≤ -26.63	PASS
			1000~26500	3.37	-44.11	≤ -26.63	PASS
	Ant1	2422	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-60.91	≤ -27.52	PASS
			1000~26500	2.48	-47.56	≤ -27.52	PASS
	Ant0	2437	Reference	7.74	7.74	---	PASS
			30~1000	7.74	-61.68	≤ -22.26	PASS
			1000~26500	7.74	-42.15	≤ -22.26	PASS
	Ant1	2437	Reference	8.03	8.03	---	PASS
			30~1000	8.03	-61.35	≤ -21.97	PASS
			1000~26500	8.03	-47.89	≤ -21.97	PASS
	Ant0	2452	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-61.55	≤ -28.91	PASS
			1000~26500	1.09	-47.68	≤ -28.91	PASS
	Ant1	2452	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-61.98	≤ -27.52	PASS
			1000~26500	2.48	-47.89	≤ -27.52	PASS

Test Graphs

11B-CDD_Ant0_2412_0~Reference



11B-CDD_Ant0_2412_30~1000



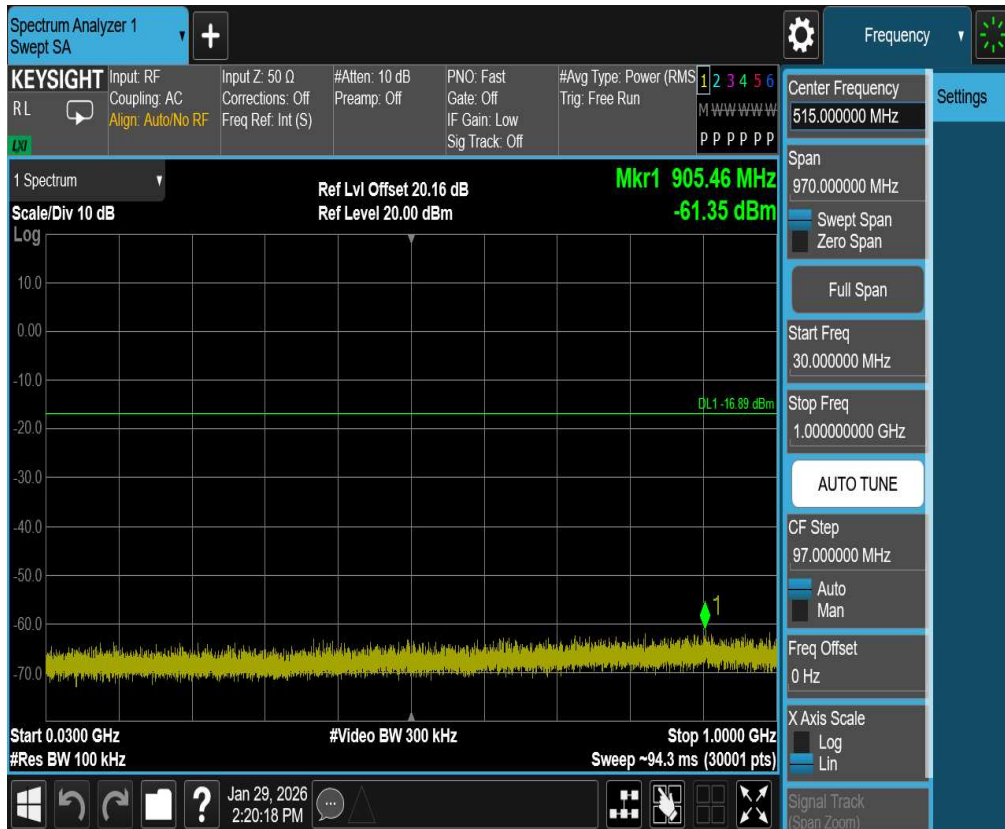
11B-CDD_Ant0_2412_1000~26500



11B-CDD_Ant1_2412_0~Reference



11B-CDD_Ant1_2412_30~1000



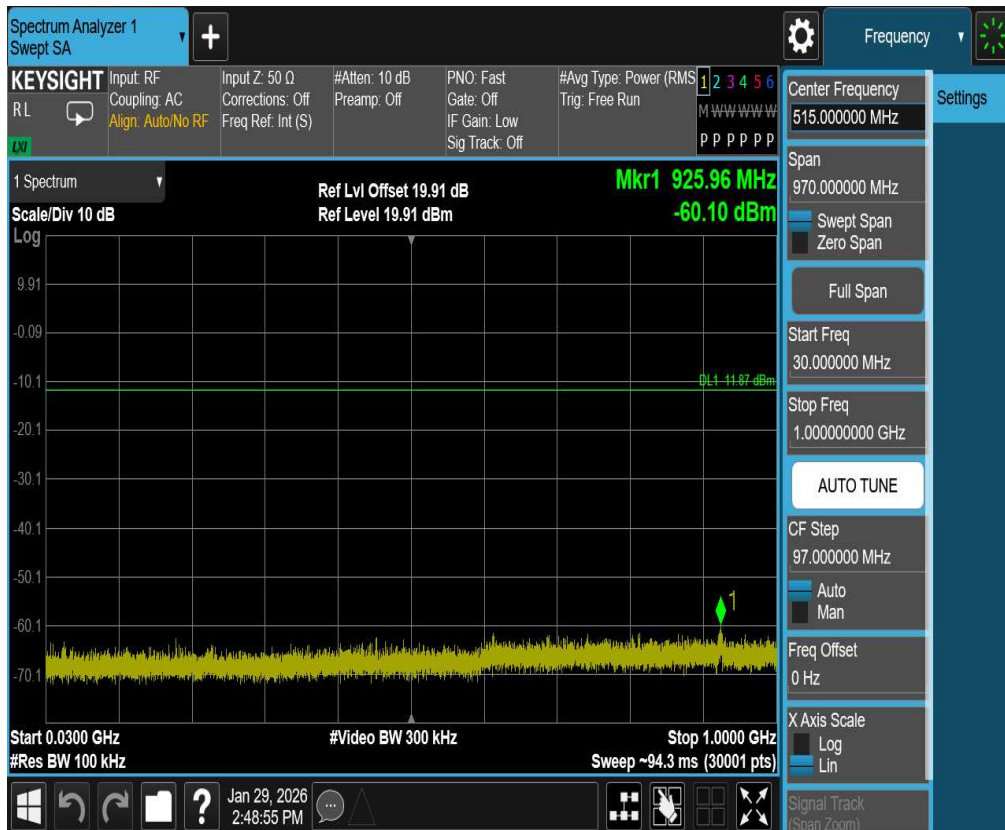
11B-CDD_Ant1_2412_1000~26500



11B-CDD_Ant0_2437_0~Reference



11B-CDD_Ant0_2437_30~1000



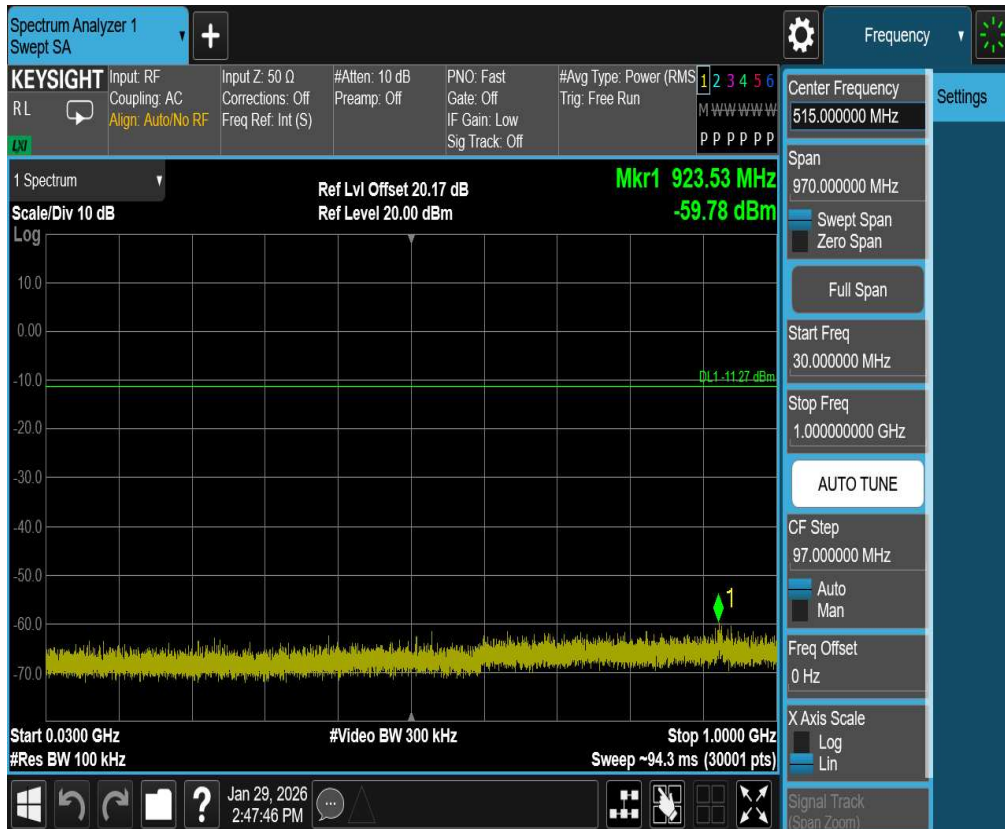
11B-CDD_Ant0_2437_1000~26500



11B-CDD_Ant1_2437_0~Reference



11B-CDD_Ant1_2437_30~1000



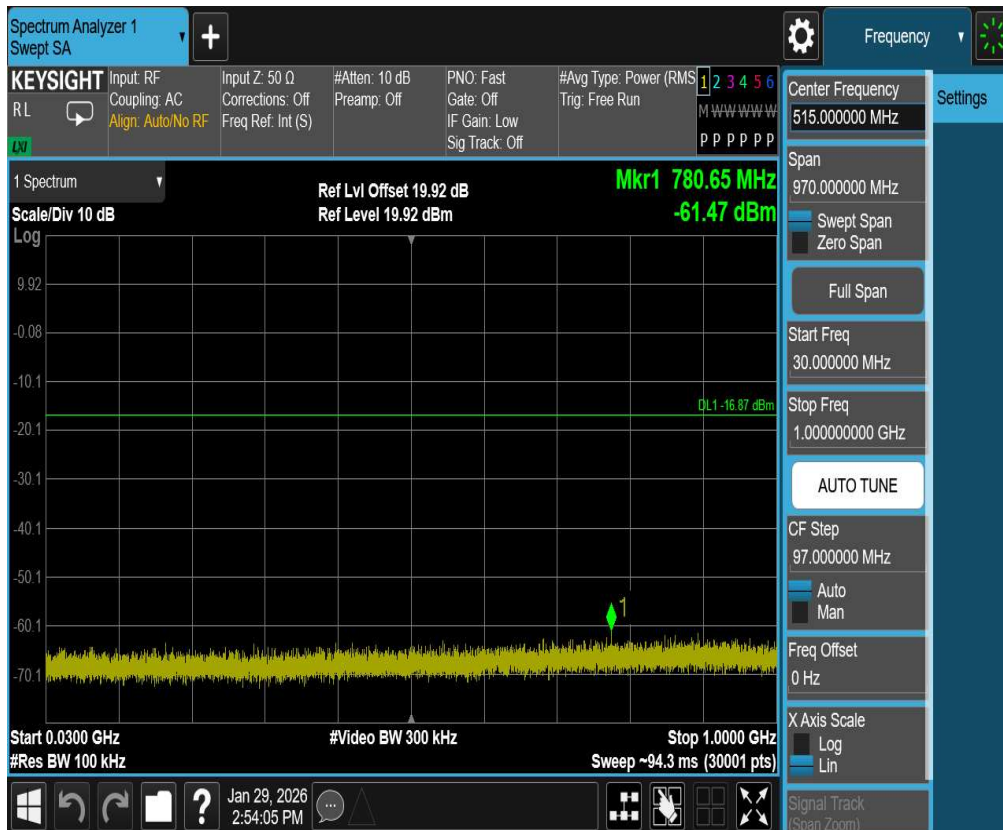
11B-CDD_Ant1_2437_1000~26500



11B-CDD_Ant0_2462_0~Reference



11B-CDD_Ant0_2462_30~1000



11B-CDD_Ant0_2462_1000~26500



11B-CDD_Ant1_2462_0~Reference

