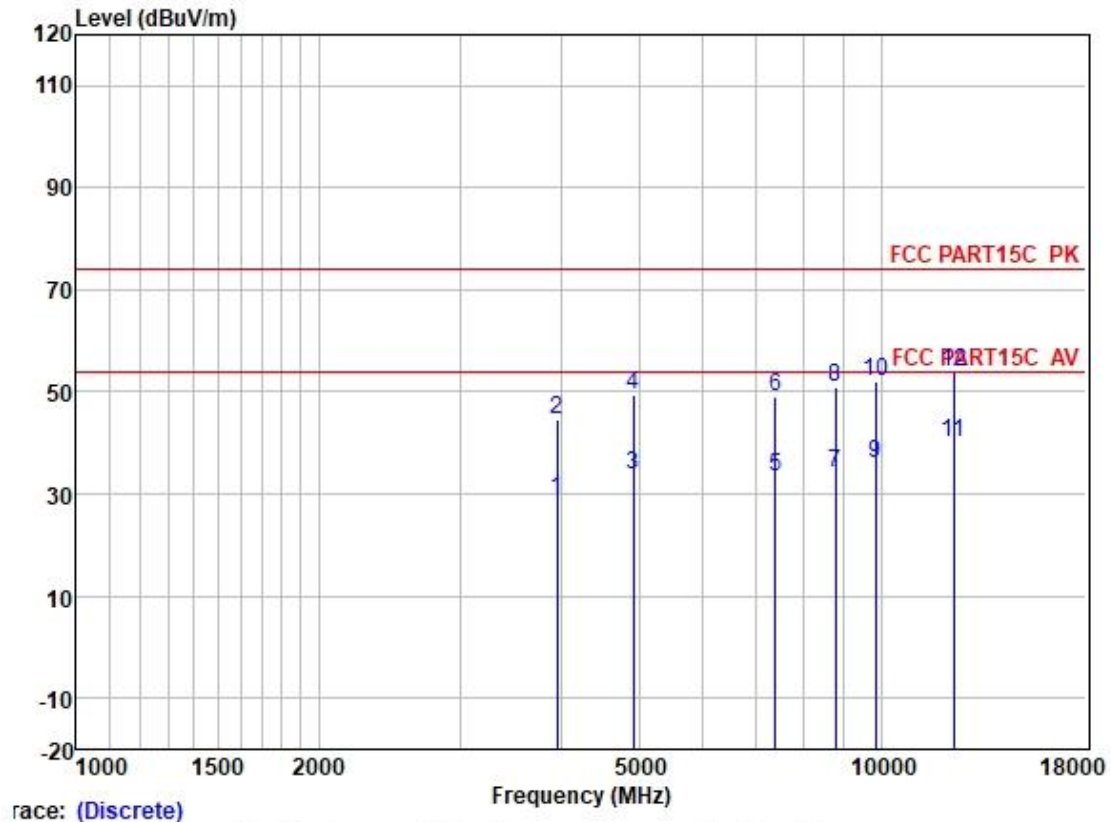


Mode:c; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



Trace: (Discrete)

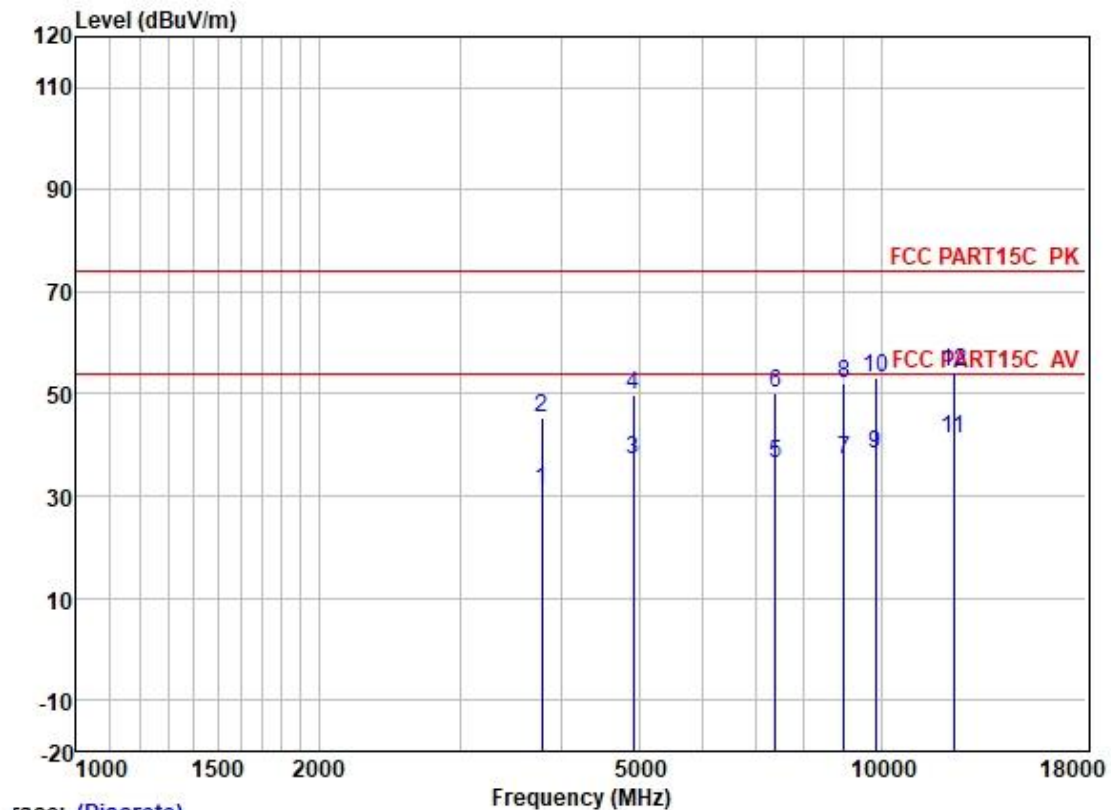
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	3958.309	28.99	29.42	7.35	36.90	28.86	54.00	-25.14	HORIZONTAL	Average
2	3958.309	44.88	29.42	7.35	36.90	44.75	74.00	-29.25	HORIZONTAL	Peak
3	4924.721	32.13	31.01	7.49	36.95	33.68	54.00	-20.32	HORIZONTAL	Average
4	4924.721	47.87	31.01	7.49	36.95	49.42	74.00	-24.58	HORIZONTAL	Peak
5	7386.516	27.13	35.85	7.42	36.92	33.48	54.00	-20.52	HORIZONTAL	Average
6	7386.516	42.75	35.85	7.42	36.92	49.10	74.00	-24.90	HORIZONTAL	Peak
7	8764.146	26.79	36.33	8.00	36.97	34.15	54.00	-19.85	HORIZONTAL	Average
8	8764.146	43.55	36.33	8.00	36.97	50.91	74.00	-23.09	HORIZONTAL	Peak
9	9848.221	26.67	37.82	8.46	37.09	35.86	54.00	-18.14	HORIZONTAL	Average
10	9848.221	42.83	37.82	8.46	37.09	52.02	74.00	-21.98	HORIZONTAL	Peak
11	12310.580	26.87	39.03	11.10	36.97	40.03	54.00	-13.97	HORIZONTAL	Average
12	12310.580	40.91	39.03	11.10	36.97	54.07	74.00	-19.93	HORIZONTAL	Peak



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Mode:c; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:High



Trace: (Discrete)

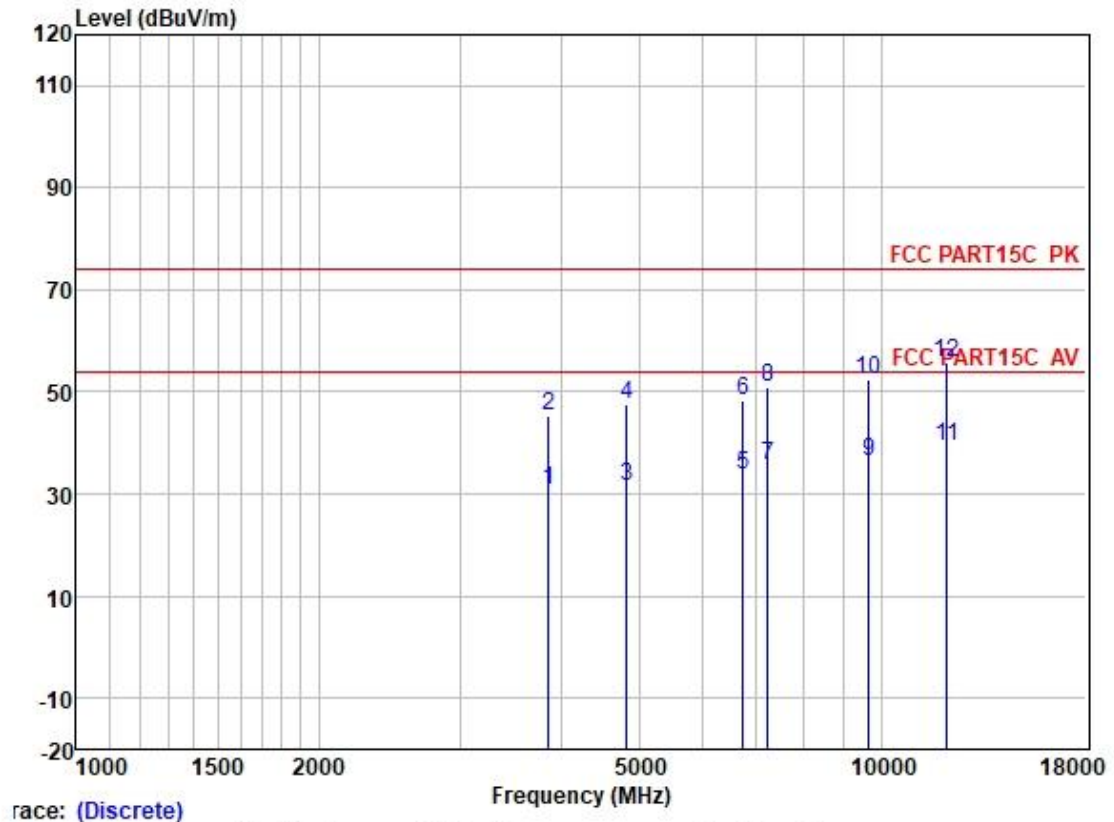
	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	3790.361	31.14	28.97	7.83	36.92	31.02	54.00	-22.98	VERTICAL
2	3790.361	45.41	28.97	7.83	36.92	45.29	74.00	-28.71	VERTICAL
3	4924.721	35.50	31.01	7.49	36.95	37.05	54.00	-16.95	VERTICAL
4	4924.721	48.39	31.01	7.49	36.95	49.94	74.00	-24.06	VERTICAL
5	7386.015	30.10	35.85	7.42	36.92	36.45	54.00	-17.55	VERTICAL
6	7386.015	43.85	35.85	7.42	36.92	50.20	74.00	-23.80	VERTICAL
7	8995.123	29.27	36.50	8.24	37.01	37.00	54.00	-17.00	VERTICAL
8	8995.123	44.49	36.50	8.24	37.01	52.22	74.00	-21.78	VERTICAL
9	9848.221	29.03	37.82	8.46	37.09	38.22	54.00	-15.78	VERTICAL
10	9848.221	43.88	37.82	8.46	37.09	53.07	74.00	-20.93	VERTICAL
11	12310.740	28.15	39.03	11.10	36.97	41.31	54.00	-12.69	VERTICAL
12	12310.740	41.03	39.03	11.10	36.97	54.19	74.00	-19.81	VERTICAL



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Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



Trace: (Discrete)

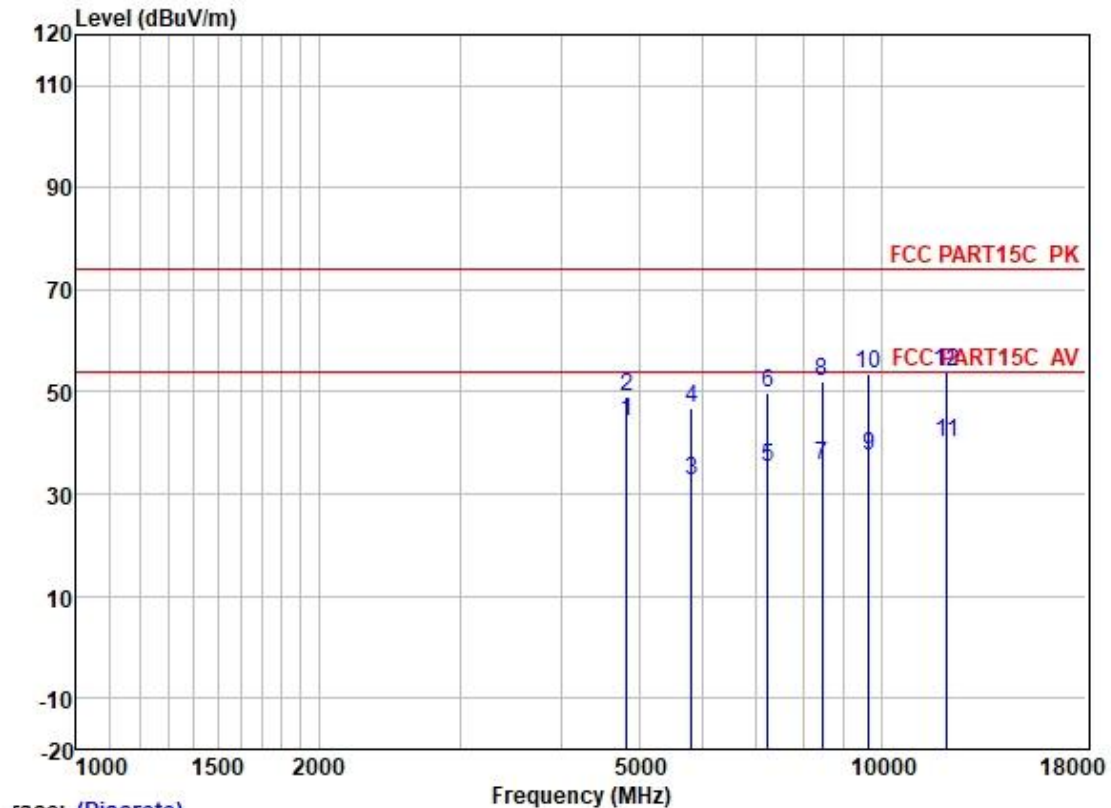
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1	3856.668	30.86	29.19	7.73	36.91	30.87	54.00	-23.13	HORIZONTAL Average
2	3856.668	45.31	29.19	7.73	36.91	45.32	74.00	-28.68	HORIZONTAL Peak
3	4824.962	31.50	30.82	6.01	36.94	31.39	54.00	-22.61	HORIZONTAL Average
4	4824.962	47.78	30.82	6.01	36.94	47.67	74.00	-26.33	HORIZONTAL Peak
5	6737.207	28.89	34.70	7.18	36.97	33.80	54.00	-20.20	HORIZONTAL Average
6	6737.207	43.42	34.70	7.18	36.97	48.33	74.00	-25.67	HORIZONTAL Peak
7	7236.102	29.82	35.55	7.35	36.93	35.79	54.00	-18.21	HORIZONTAL Average
8	7236.102	45.10	35.55	7.35	36.93	51.07	74.00	-22.93	HORIZONTAL Peak
9	9648.925	27.65	37.54	8.18	37.08	36.29	54.00	-17.71	HORIZONTAL Average
10	9648.925	43.79	37.54	8.18	37.08	52.43	74.00	-21.57	HORIZONTAL Peak
11	12060.350	26.29	39.46	10.71	37.17	39.29	54.00	-14.71	HORIZONTAL Average
12	12060.350	42.68	39.46	10.71	37.17	55.68	74.00	-18.32	HORIZONTAL Peak



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Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



Trace: (Discrete)

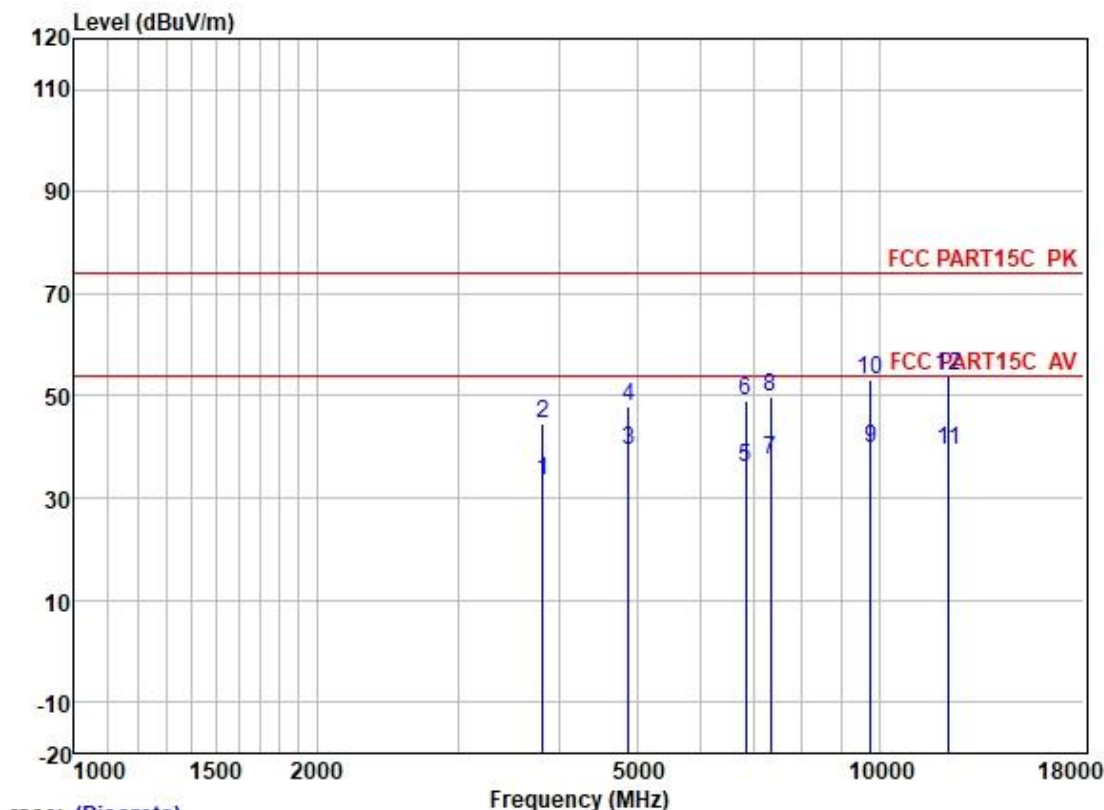
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	4824.962	44.22	30.82	6.01	36.94	44.11	54.00	-9.89	VERTICAL	Average
2	4824.962	49.26	30.82	6.01	36.94	49.15	74.00	-24.85	VERTICAL	Peak
3	5813.812	30.11	32.17	7.46	37.00	32.74	54.00	-21.26	VERTICAL	Average
4	5813.812	44.11	32.17	7.46	37.00	46.74	74.00	-27.26	VERTICAL	Peak
5	7236.172	29.19	35.55	7.35	36.93	35.16	54.00	-18.84	VERTICAL	Average
6	7236.172	43.97	35.55	7.35	36.93	49.94	74.00	-24.06	VERTICAL	Peak
7	8440.945	28.27	36.13	8.06	36.93	35.53	54.00	-18.47	VERTICAL	Average
8	8440.945	44.69	36.13	8.06	36.93	51.95	74.00	-22.05	VERTICAL	Peak
9	9648.221	28.77	37.54	8.18	37.08	37.41	54.00	-16.59	VERTICAL	Average
10	9648.221	44.81	37.54	8.18	37.08	53.45	74.00	-20.55	VERTICAL	Peak
11	12060.270	26.95	39.46	10.71	37.17	39.95	54.00	-14.05	VERTICAL	Average
12	12060.270	41.09	39.46	10.71	37.17	54.09	74.00	-19.91	VERTICAL	Peak



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Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



Trace: (Discrete)

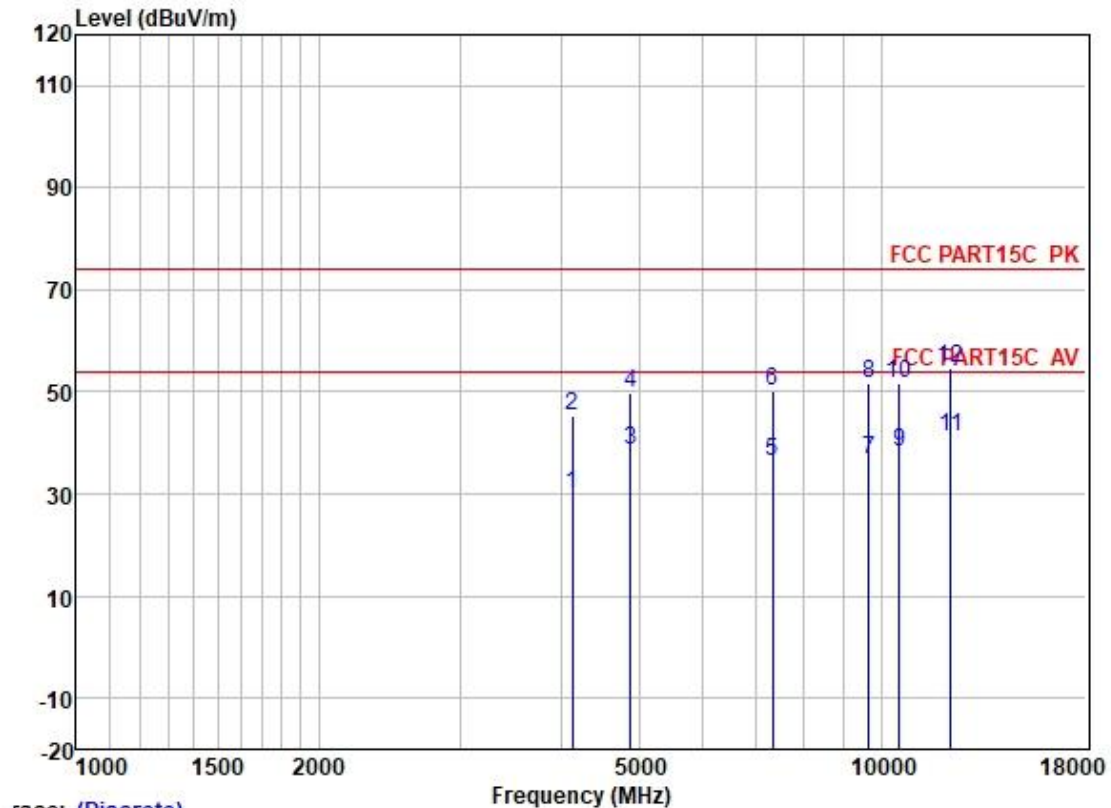
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	3823.371	33.51	29.08	7.83	36.91	33.51	54.00	-20.49	HORIZONTAL Average
2	3823.371	44.52	29.08	7.83	36.91	44.52	74.00	-29.48	HORIZONTAL Peak
3	4884.043	38.57	30.95	6.86	36.95	39.43	54.00	-14.57	HORIZONTAL Average
4	4884.043	47.18	30.95	6.86	36.95	48.04	74.00	-25.96	HORIZONTAL Peak
5	6835.278	30.72	34.89	7.21	36.96	35.86	54.00	-18.14	HORIZONTAL Average
6	6835.278	43.87	34.89	7.21	36.96	49.01	74.00	-24.99	HORIZONTAL Peak
7	7326.463	31.15	35.74	7.39	36.92	37.36	54.00	-16.64	HORIZONTAL Average
8	7326.463	43.67	35.74	7.39	36.92	49.88	74.00	-24.12	HORIZONTAL Peak
9	9768.689	30.53	37.74	8.37	37.09	39.55	54.00	-14.45	HORIZONTAL Average
10	9768.689	44.33	37.74	8.37	37.09	53.35	74.00	-20.65	HORIZONTAL Peak
11	12210.760	26.14	39.21	10.98	37.06	39.27	54.00	-14.73	HORIZONTAL Average
12	12210.760	40.61	39.21	10.98	37.06	53.74	74.00	-20.26	HORIZONTAL Peak



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Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



Trace: (Discrete)

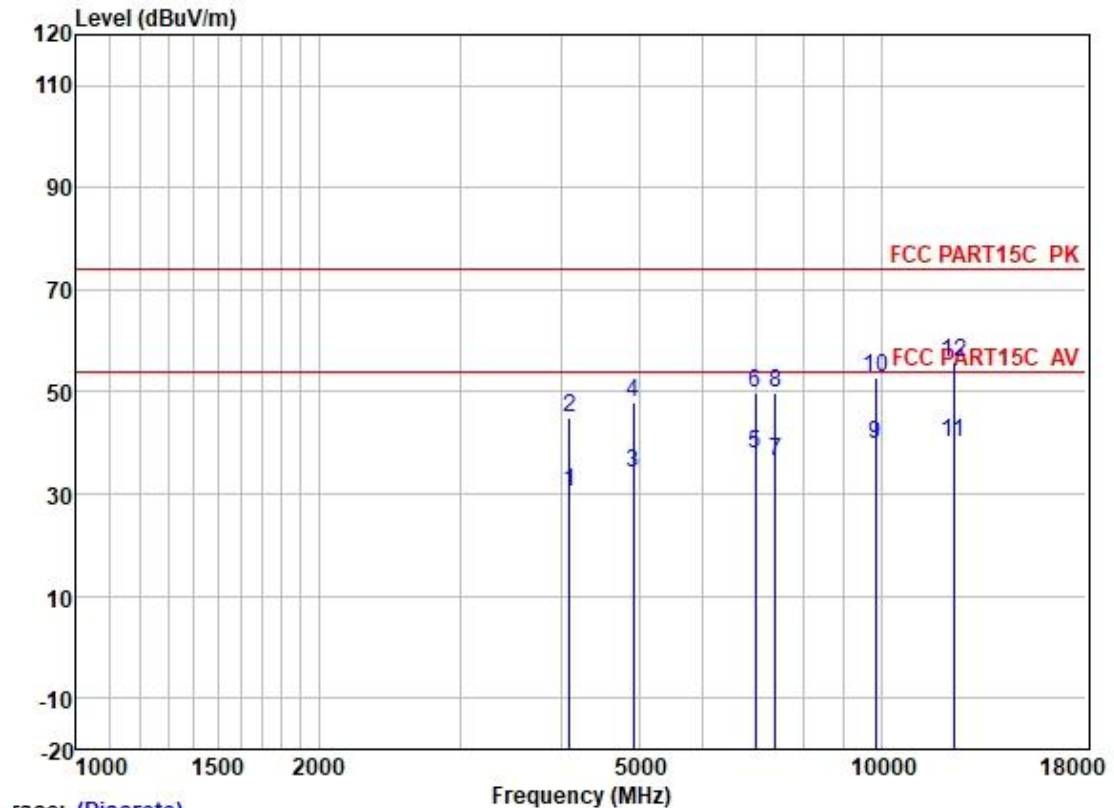
	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	4133.699	30.63	29.62	6.79	36.90	30.14	54.00	-23.86	VERTICAL
2	4133.699	45.93	29.62	6.79	36.90	45.44	74.00	-28.56	VERTICAL
3	4884.043	37.77	30.95	6.86	36.95	38.63	54.00	-15.37	VERTICAL
4	4884.043	48.85	30.95	6.86	36.95	49.71	74.00	-24.29	VERTICAL
5	7326.122	30.13	35.74	7.39	36.92	36.34	54.00	-17.66	VERTICAL
6	7326.122	43.91	35.74	7.39	36.92	50.12	74.00	-23.88	VERTICAL
7	9648.399	28.00	37.54	8.18	37.08	36.64	54.00	-17.36	VERTICAL
8	9648.399	42.92	37.54	8.18	37.08	51.56	74.00	-22.44	VERTICAL
9	10545.010	26.76	39.05	9.58	37.12	38.27	54.00	-15.73	VERTICAL
10	10545.010	40.24	39.05	9.58	37.12	51.75	74.00	-22.25	VERTICAL
11	12210.220	28.24	39.21	10.98	37.06	41.37	54.00	-12.63	VERTICAL
12	12210.220	41.61	39.21	10.98	37.06	54.74	74.00	-19.26	VERTICAL



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Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



Trace: (Discrete)

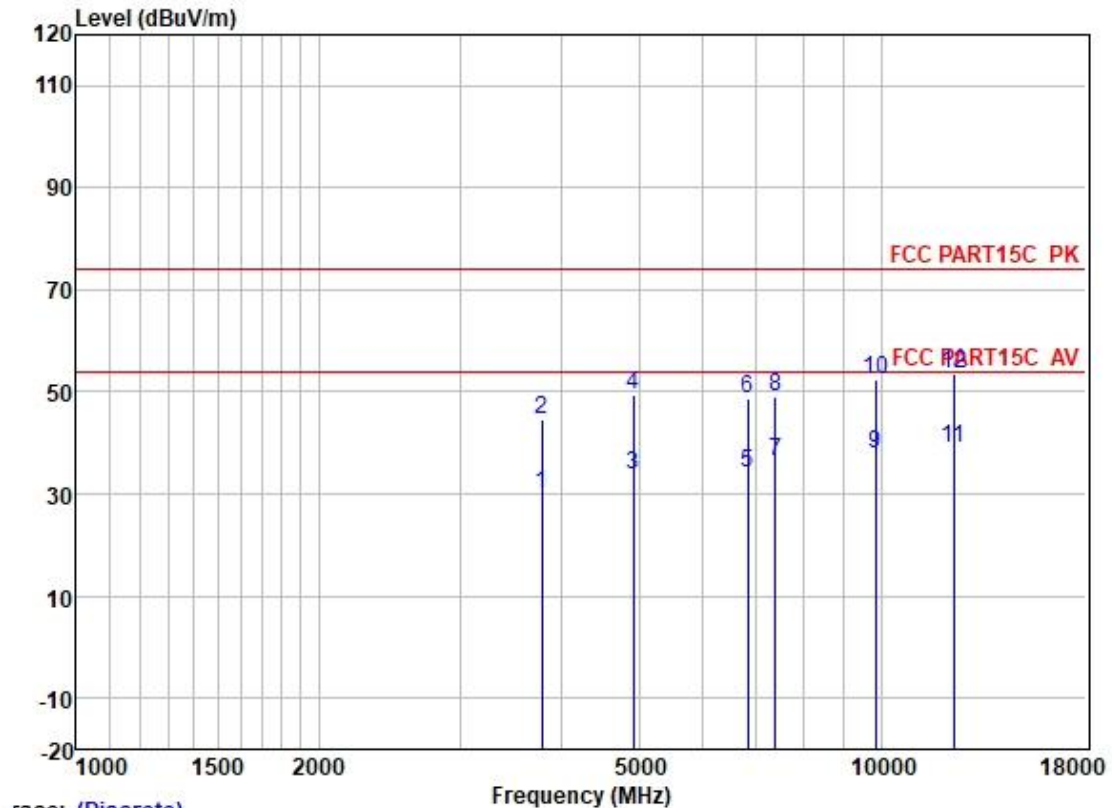
	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
		Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4098.010	30.91	29.58	6.92	36.90	30.51	54.00	-23.49	HORIZONTAL Average
2	4098.010	45.33	29.58	6.92	36.90	44.93	74.00	-29.07	HORIZONTAL Peak
3	4924.721	32.59	31.01	7.49	36.95	34.14	54.00	-19.86	HORIZONTAL Average
4	4924.721	46.39	31.01	7.49	36.95	47.94	74.00	-26.06	HORIZONTAL Peak
5	6974.982	32.53	35.08	7.27	36.94	37.94	54.00	-16.06	HORIZONTAL Average
6	6974.982	44.28	35.08	7.27	36.94	49.69	74.00	-24.31	HORIZONTAL Peak
7	7386.882	30.10	35.85	7.42	36.92	36.45	54.00	-17.55	HORIZONTAL Average
8	7386.882	43.57	35.85	7.42	36.92	49.92	74.00	-24.08	HORIZONTAL Peak
9	9848.789	30.60	37.82	8.46	37.09	39.79	54.00	-14.21	HORIZONTAL Average
10	9848.789	43.42	37.82	8.46	37.09	52.61	74.00	-21.39	HORIZONTAL Peak
11	12310.220	27.09	39.03	11.10	36.97	40.25	54.00	-13.75	HORIZONTAL Average
12	12310.220	42.60	39.03	11.10	36.97	55.76	74.00	-18.24	HORIZONTAL Peak



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Mode:c; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



Trace: (Discrete)

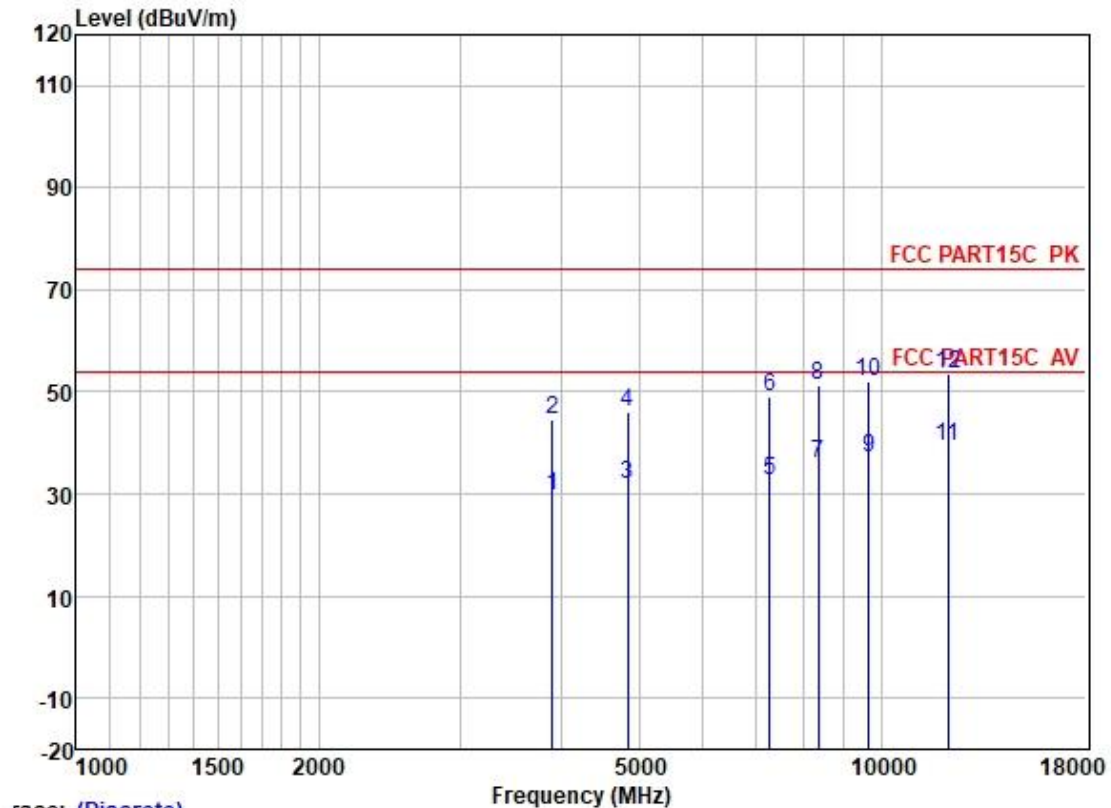
	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	3790.361	29.99	28.97	7.83	36.92	29.87	54.00	-24.13	VERTICAL
2	3790.361	44.82	28.97	7.83	36.92	44.70	74.00	-29.30	VERTICAL
3	4924.721	32.26	31.01	7.49	36.95	33.81	54.00	-20.19	VERTICAL
4	4924.721	47.72	31.01	7.49	36.95	49.27	74.00	-24.73	VERTICAL
5	6835.278	28.93	34.89	7.21	36.96	34.07	54.00	-19.93	VERTICAL
6	6835.278	43.47	34.89	7.21	36.96	48.61	74.00	-25.39	VERTICAL
7	7386.020	30.03	35.85	7.42	36.92	36.38	54.00	-17.62	VERTICAL
8	7386.020	42.63	35.85	7.42	36.92	48.98	74.00	-25.02	VERTICAL
9	9848.724	28.65	37.82	8.46	37.09	37.84	54.00	-16.16	VERTICAL
10	9848.724	43.23	37.82	8.46	37.09	52.42	74.00	-21.58	VERTICAL
11	12310.380	25.87	39.03	11.10	36.97	39.03	54.00	-14.97	VERTICAL
12	12310.380	40.31	39.03	11.10	36.97	53.47	74.00	-20.53	VERTICAL



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Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



Trace: (Discrete)

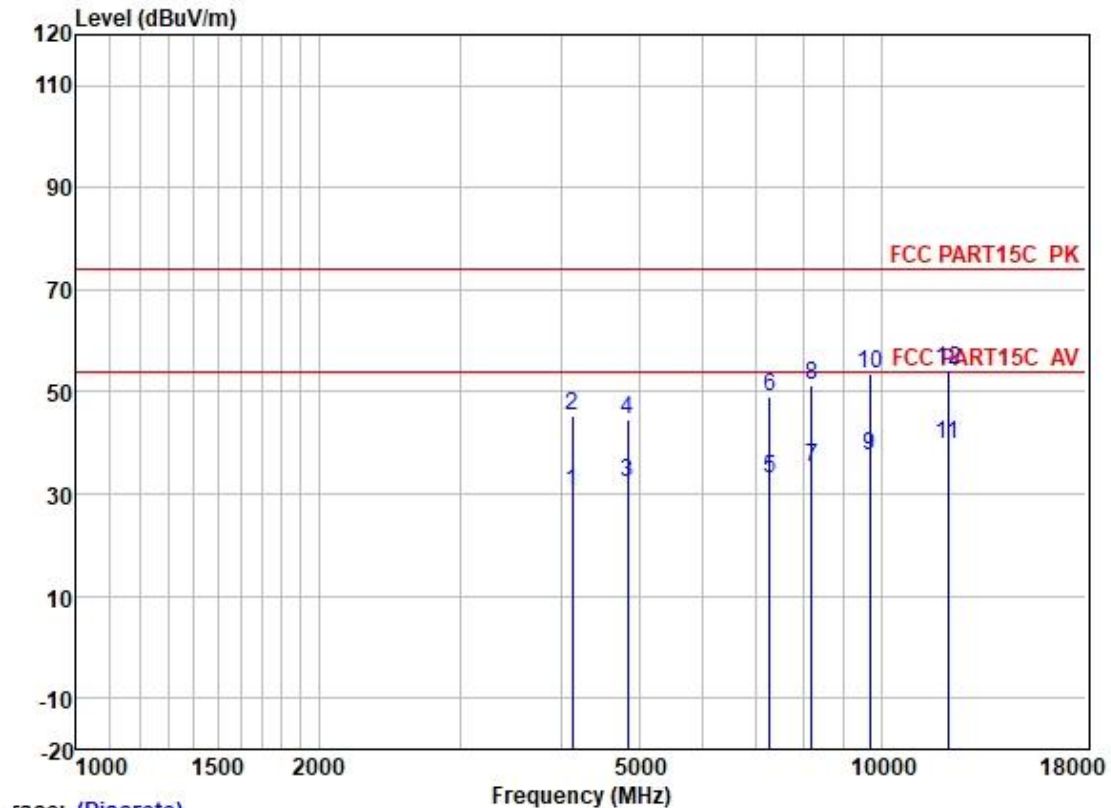
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1	3901.516	29.75	29.30	7.56	36.91	29.70	54.00	-24.30	HORIZONTAL Average
2	3901.516	44.61	29.30	7.56	36.91	44.56	74.00	-29.44	HORIZONTAL Peak
3	4844.975	31.72	30.88	6.31	36.94	31.97	54.00	-22.03	HORIZONTAL Average
4	4844.975	45.95	30.88	6.31	36.94	46.20	74.00	-27.80	HORIZONTAL Peak
5	7266.144	26.43	35.60	7.36	36.92	32.47	54.00	-21.53	HORIZONTAL Average
6	7266.144	42.97	35.60	7.36	36.92	49.01	74.00	-24.99	HORIZONTAL Peak
7	8343.918	28.76	36.20	8.13	36.92	36.17	54.00	-17.83	HORIZONTAL Average
8	8343.918	44.06	36.20	8.13	36.92	51.47	74.00	-22.53	HORIZONTAL Peak
9	9648.717	28.63	37.54	8.18	37.08	37.27	54.00	-16.73	HORIZONTAL Average
10	9648.717	43.34	37.54	8.18	37.08	51.98	74.00	-22.02	HORIZONTAL Peak
11	12110.220	26.45	39.37	10.82	37.15	39.49	54.00	-14.51	HORIZONTAL Average
12	12110.220	40.51	39.37	10.82	37.15	53.55	74.00	-20.45	HORIZONTAL Peak



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Mode:c; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



Trace: (Discrete)

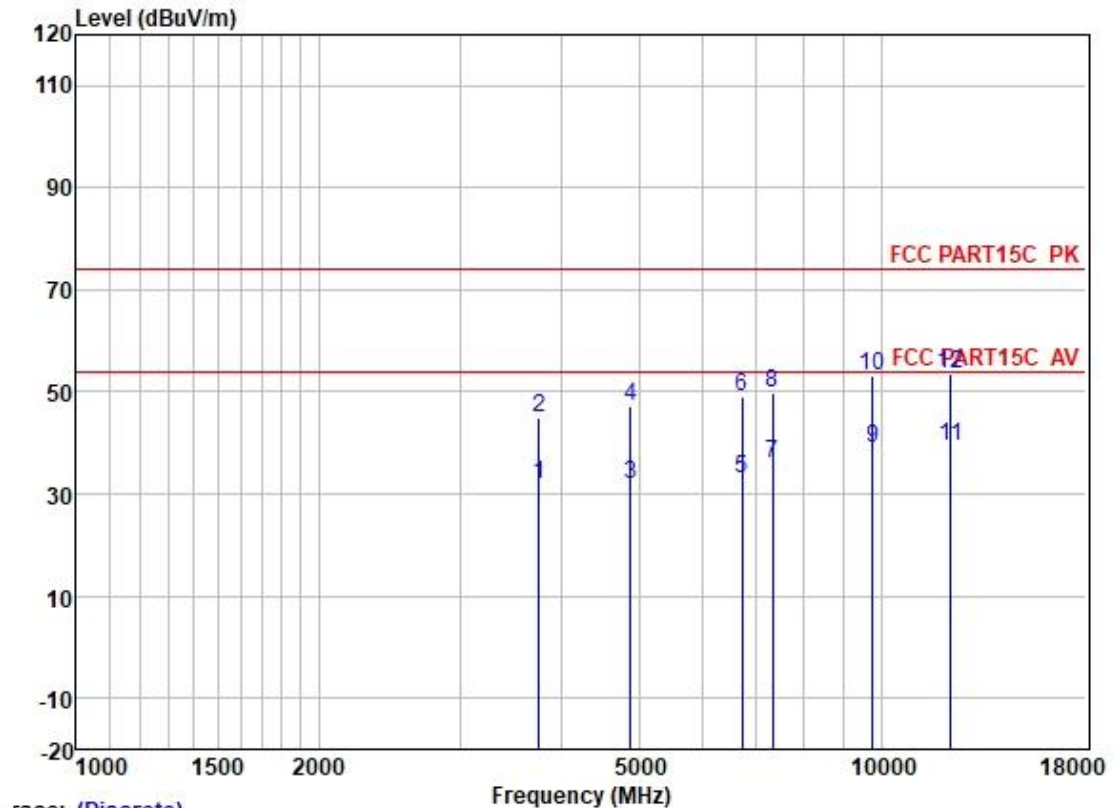
	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	4133.699	30.78	29.62	6.79	36.90	30.29	54.00	-23.71	VERTICAL	Average
2	4133.699	45.75	29.62	6.79	36.90	45.26	74.00	-28.74	VERTICAL	Peak
3	4844.993	31.83	30.88	6.31	36.94	32.08	54.00	-21.92	VERTICAL	Average
4	4844.993	44.32	30.88	6.31	36.94	44.57	74.00	-29.43	VERTICAL	Peak
5	7266.806	26.88	35.60	7.36	36.92	32.92	54.00	-21.08	VERTICAL	Average
6	7266.806	43.15	35.60	7.36	36.92	49.19	74.00	-24.81	VERTICAL	Peak
7	8200.463	27.58	36.35	8.25	36.91	35.27	54.00	-18.73	VERTICAL	Average
8	8200.463	43.53	36.35	8.25	36.91	51.22	74.00	-22.78	VERTICAL	Peak
9	9688.430	28.86	37.61	8.25	37.08	37.64	54.00	-16.36	VERTICAL	Average
10	9688.430	44.89	37.61	8.25	37.08	53.67	74.00	-20.33	VERTICAL	Peak
11	12110.850	26.69	39.37	10.82	37.12	39.76	54.00	-14.24	VERTICAL	Average
12	12110.850	41.07	39.37	10.82	37.12	54.14	74.00	-19.86	VERTICAL	Peak



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Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:middle



Trace: (Discrete)

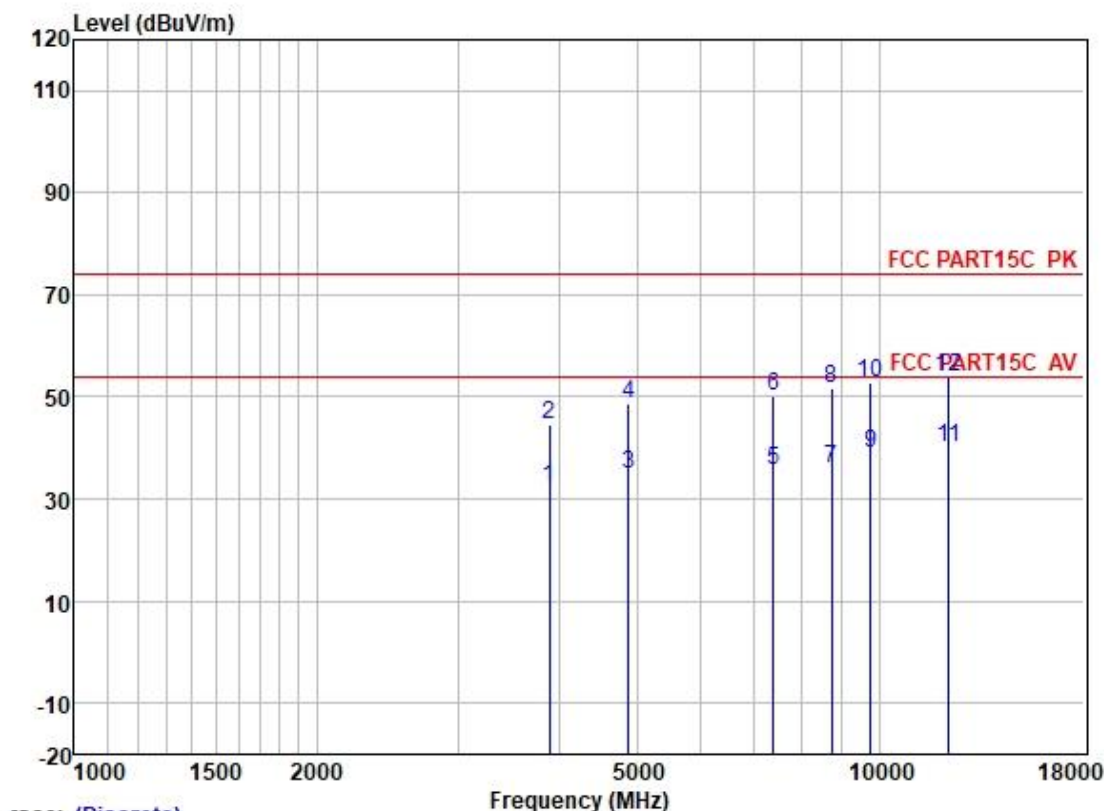
	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
		Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	3757.637	32.29	28.82	7.65	36.92	31.84	54.00	-22.16	HORIZONTAL Average
2	3757.637	45.32	28.82	7.65	36.92	44.87	74.00	-29.13	HORIZONTAL Peak
3	4884.721	30.94	30.95	6.86	36.95	31.80	54.00	-22.20	HORIZONTAL Average
4	4884.721	46.17	30.95	6.86	36.95	47.03	74.00	-26.97	HORIZONTAL Peak
5	6717.762	28.08	34.65	7.18	36.97	32.94	54.00	-21.06	HORIZONTAL Average
6	6717.762	44.17	34.65	7.18	36.97	49.03	74.00	-24.97	HORIZONTAL Peak
7	7326.102	29.78	35.74	7.39	36.92	35.99	54.00	-18.01	HORIZONTAL Average
8	7326.102	43.72	35.74	7.39	36.92	49.93	74.00	-24.07	HORIZONTAL Peak
9	9768.991	29.83	37.74	8.37	37.09	38.85	54.00	-15.15	HORIZONTAL Average
10	9768.991	44.28	37.74	8.37	37.09	53.30	74.00	-20.70	HORIZONTAL Peak
11	12210.420	26.21	39.21	10.98	37.06	39.34	54.00	-14.66	HORIZONTAL Average
12	12210.420	40.42	39.21	10.98	37.06	53.55	74.00	-20.45	HORIZONTAL Peak



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Mode:c; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:middle



Trace: (Discrete)

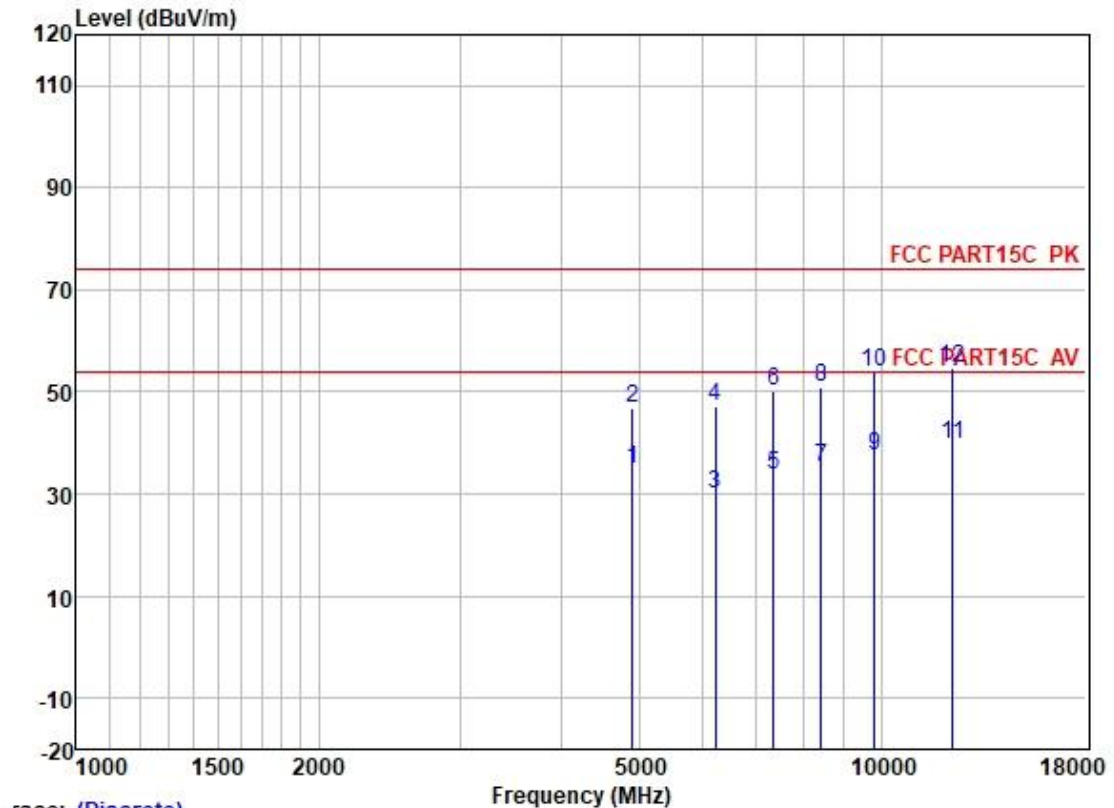
	Freq	ReadAntenna	Cable	Preamp	Limit	Over			
	MHz	Level	Loss	Factor	Line	Limit	Pol/Phase	Remark	
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	3890.255	32.35	29.27	7.61	36.91	32.32	54.00	-21.68	VERTICAL Average
2	3890.255	44.61	29.27	7.61	36.91	44.58	74.00	-29.42	VERTICAL Peak
3	4884.982	34.07	30.95	6.86	36.95	34.93	54.00	-19.07	VERTICAL Average
4	4884.982	47.66	30.95	6.86	36.95	48.52	74.00	-25.48	VERTICAL Peak
5	7386.461	29.12	35.85	7.42	36.92	35.47	54.00	-18.53	VERTICAL Average
6	7386.461	43.87	35.85	7.42	36.92	50.22	74.00	-23.78	VERTICAL Peak
7	8738.852	28.82	36.30	7.98	36.96	36.14	54.00	-17.86	VERTICAL Average
8	8738.852	44.50	36.30	7.98	36.96	51.82	74.00	-22.18	VERTICAL Peak
9	9768.800	29.97	37.74	8.37	37.09	38.99	54.00	-15.01	VERTICAL Average
10	9768.800	43.61	37.74	8.37	37.09	52.63	74.00	-21.37	VERTICAL Peak
11	12210.350	26.93	39.21	10.98	37.06	40.06	54.00	-13.94	VERTICAL Average
12	12210.350	40.73	39.21	10.98	37.06	53.86	74.00	-20.14	VERTICAL Peak



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Mode:c; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



Trace: (Discrete)

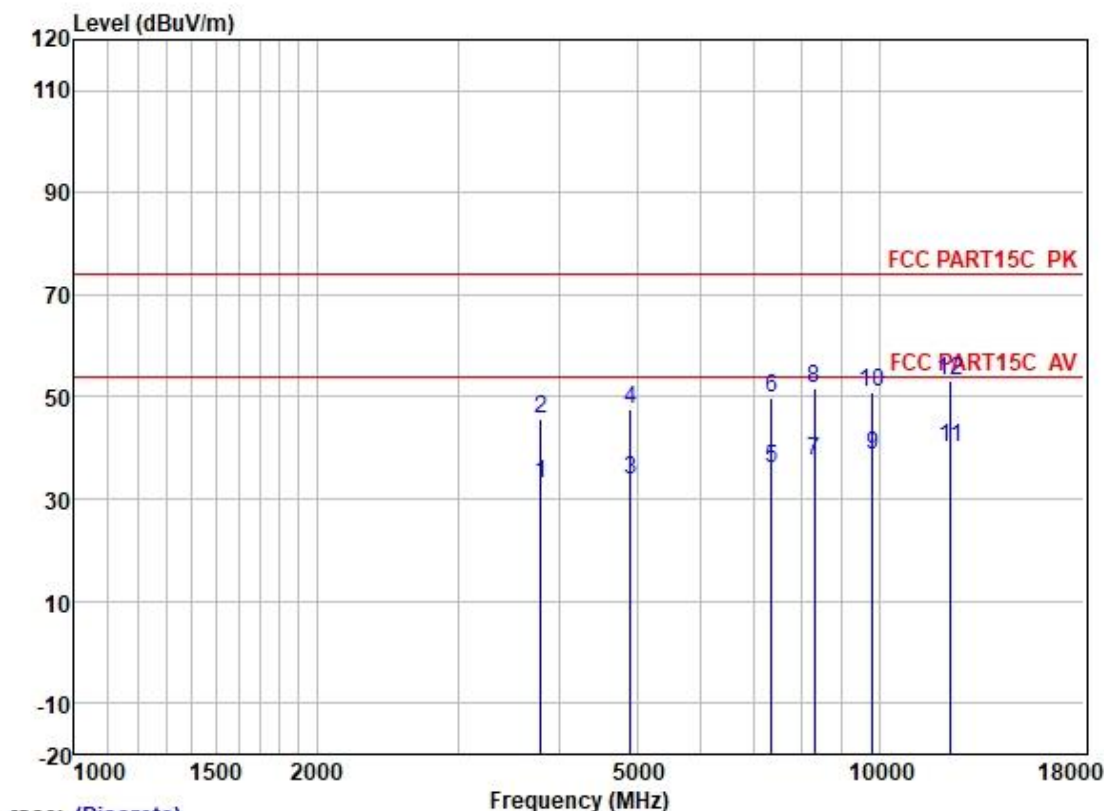
	Freq	ReadAntenna	Cable	Preamplifier	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	4904.977	33.66	30.97	7.07	36.95	34.75	54.00	-19.25	HORIZONTAL Average
2	4904.977	45.88	30.97	7.07	36.95	46.97	74.00	-27.03	HORIZONTAL Peak
3	6231.427	27.08	33.19	6.93	36.99	30.21	54.00	-23.79	HORIZONTAL Average
4	6231.427	44.07	33.19	6.93	36.99	47.20	74.00	-26.80	HORIZONTAL Peak
5	7356.788	27.66	35.78	7.40	36.92	33.92	54.00	-20.08	HORIZONTAL Average
6	7356.788	43.96	35.78	7.40	36.92	50.22	74.00	-23.78	HORIZONTAL Peak
7	8416.584	28.05	36.15	8.07	36.93	35.34	54.00	-18.66	HORIZONTAL Average
8	8416.584	43.54	36.15	8.07	36.93	50.83	74.00	-23.17	HORIZONTAL Peak
9	9808.916	28.34	37.79	8.41	37.09	37.45	54.00	-16.55	HORIZONTAL Average
10	9808.916	44.94	37.79	8.41	37.09	54.05	74.00	-19.95	HORIZONTAL Peak
11	12260.270	26.53	39.15	11.02	37.03	39.67	54.00	-14.33	HORIZONTAL Average
12	12260.270	41.59	39.15	11.02	37.03	54.73	74.00	-19.27	HORIZONTAL Peak



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Trace: (Discrete)

	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	3801.333	32.87	29.01	7.89	36.92	32.85	54.00	-21.15	VERTICAL
2	3801.333	45.59	29.01	7.89	36.92	45.57	74.00	-28.43	VERTICAL
3	4904.151	32.73	30.97	7.07	36.95	33.82	54.00	-20.18	VERTICAL
4	4904.151	46.38	30.97	7.07	36.95	47.47	74.00	-26.53	VERTICAL
5	7356.516	29.75	35.78	7.40	36.92	36.01	54.00	-17.99	VERTICAL
6	7356.516	43.58	35.78	7.40	36.92	49.84	74.00	-24.16	VERTICAL
7	8319.836	29.99	36.22	8.15	36.92	37.44	54.00	-16.56	VERTICAL
8	8319.836	44.41	36.22	8.15	36.92	51.86	74.00	-22.14	VERTICAL
9	9808.257	29.48	37.79	8.41	37.09	38.59	54.00	-15.41	VERTICAL
10	9808.257	41.70	37.79	8.41	37.09	50.81	74.00	-23.19	VERTICAL
11	12260.700	27.09	39.15	11.02	37.03	40.23	54.00	-13.77	VERTICAL
12	12260.700	40.08	39.15	11.02	37.03	53.22	74.00	-20.78	VERTICAL



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Report No.: GZEM190301158602
Page: 75 of 119

8 Appendix

8.1 Appendix 15.247

Cable Loss=0.9dB

1. 6dB Bandwidth

Test Mode	Test Channel	Ant	6dB Bandwidth [MHz]	Limit	Verdict
11B	2412	Ant1	9.425	0.5	PASS
11B	2442	Ant1	9.315	0.5	PASS
11B	2462	Ant1	9.936	0.5	PASS
11G	2412	Ant1	16.42	0.5	PASS
11G	2442	Ant1	16.44	0.5	PASS
11G	2462	Ant1	16.36	0.5	PASS
11N20SISO	2412	Ant1	17.58	0.5	PASS
11N20SISO	2442	Ant1	17.64	0.5	PASS
11N20SISO	2462	Ant1	17.61	0.5	PASS
11N40SISO	2422	Ant1	35.71	0.5	PASS
11N40SISO	2442	Ant1	35.77	0.5	PASS
11N40SISO	2452	Ant1	36.37	0.5	PASS



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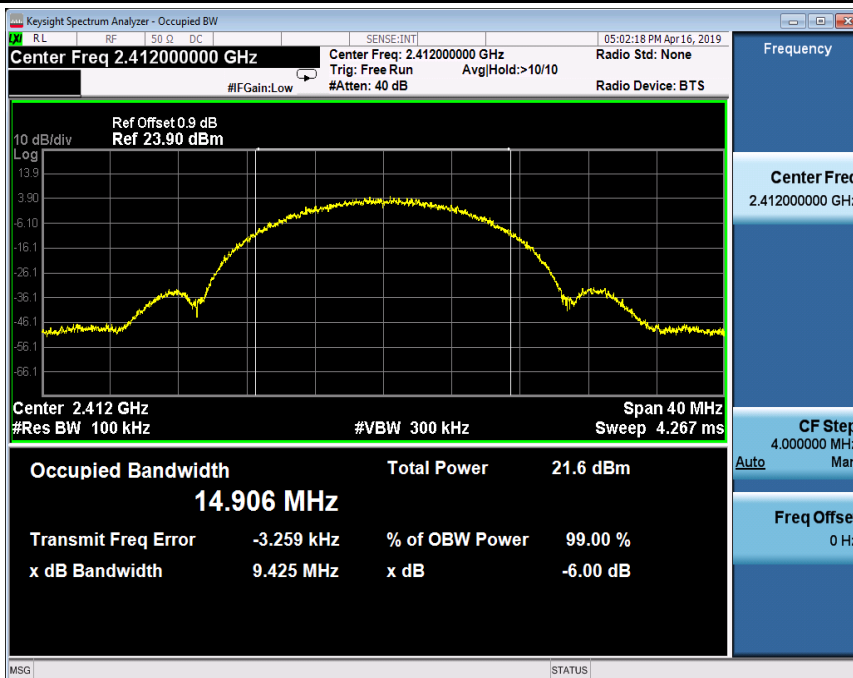
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Guangzhou Branch Testing Center EEC Laboratory. 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

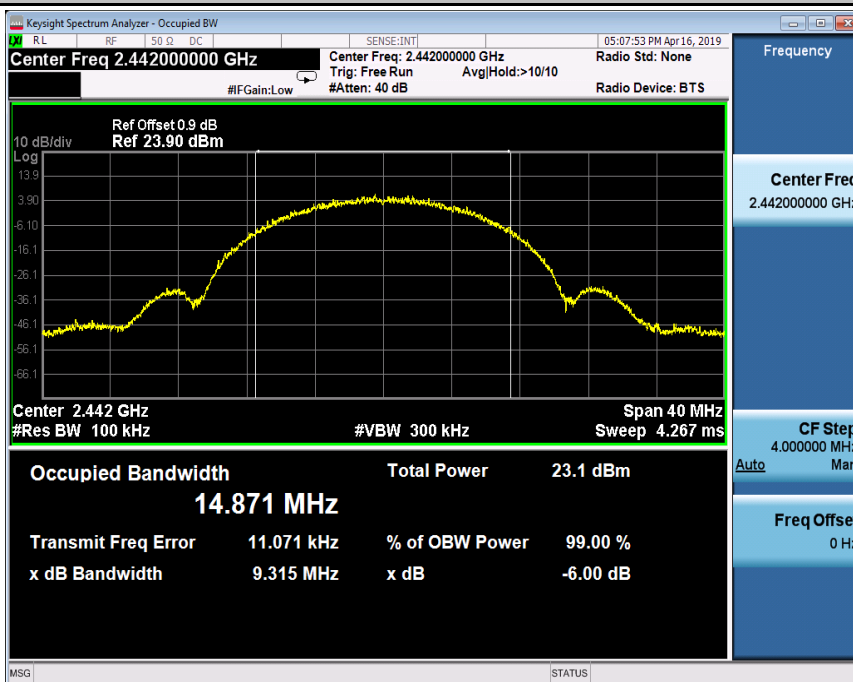
Member of the SGS Group (SGS SA)

TEST PLOT

6dB Bandwidth_11B_2412_Ant1



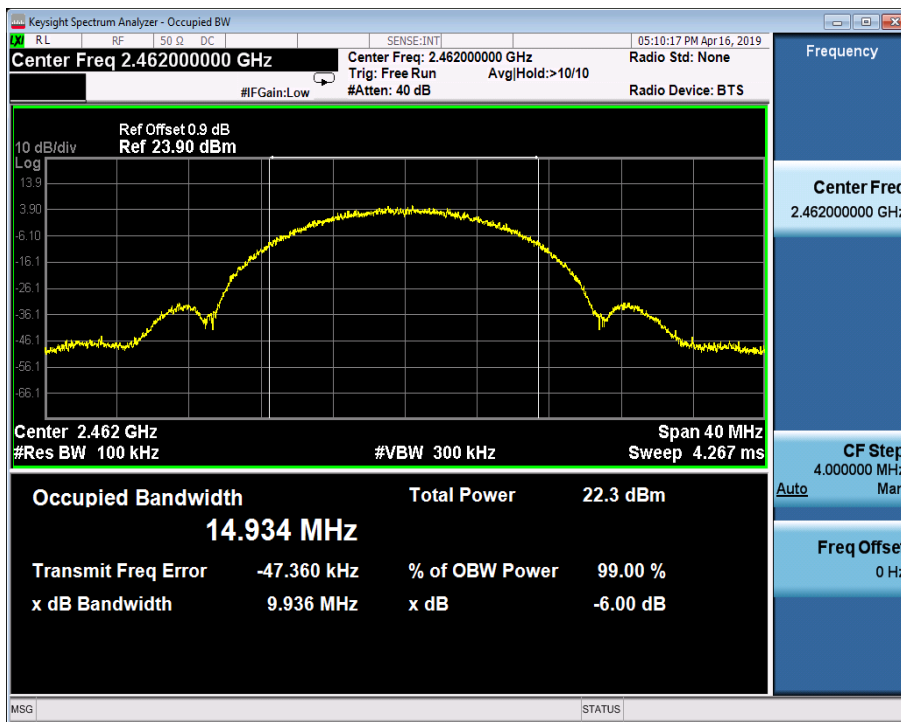
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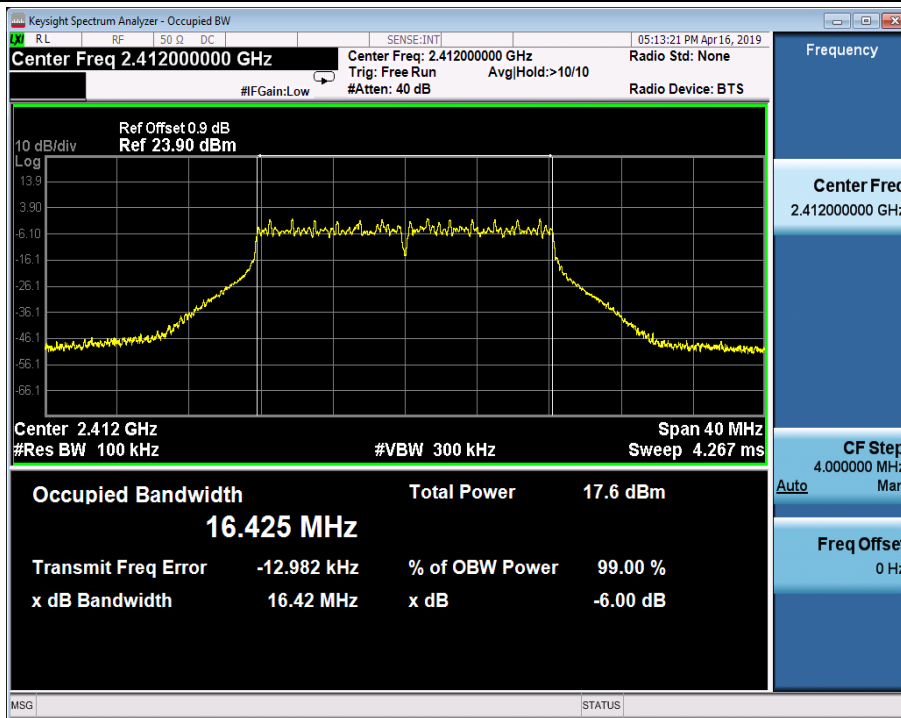
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6dB Bandwidth_11B_2462_Ant1



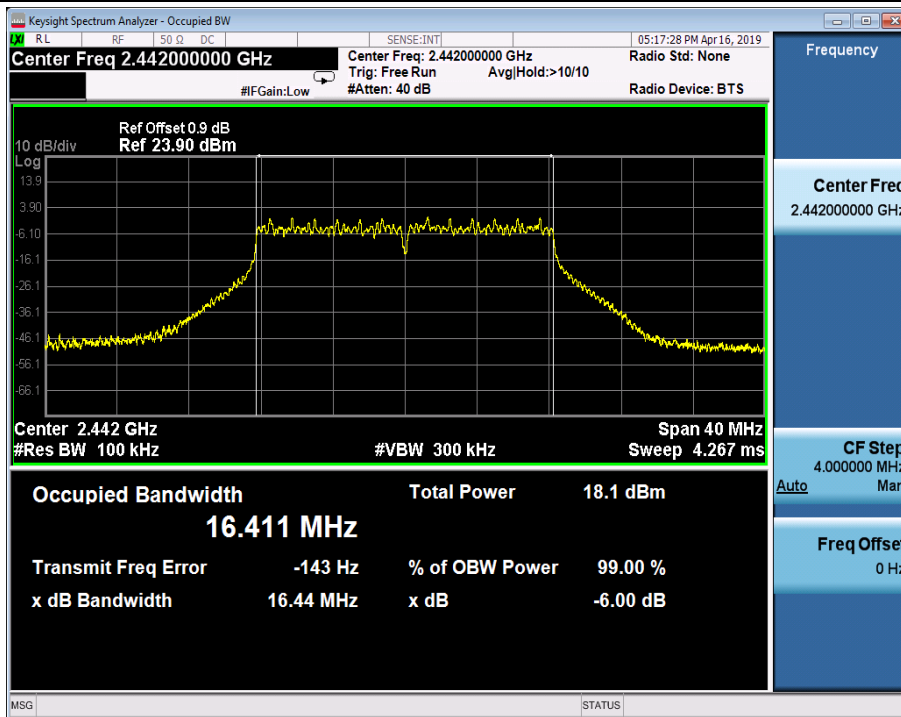
6dB Bandwidth_11G_2412_Ant1



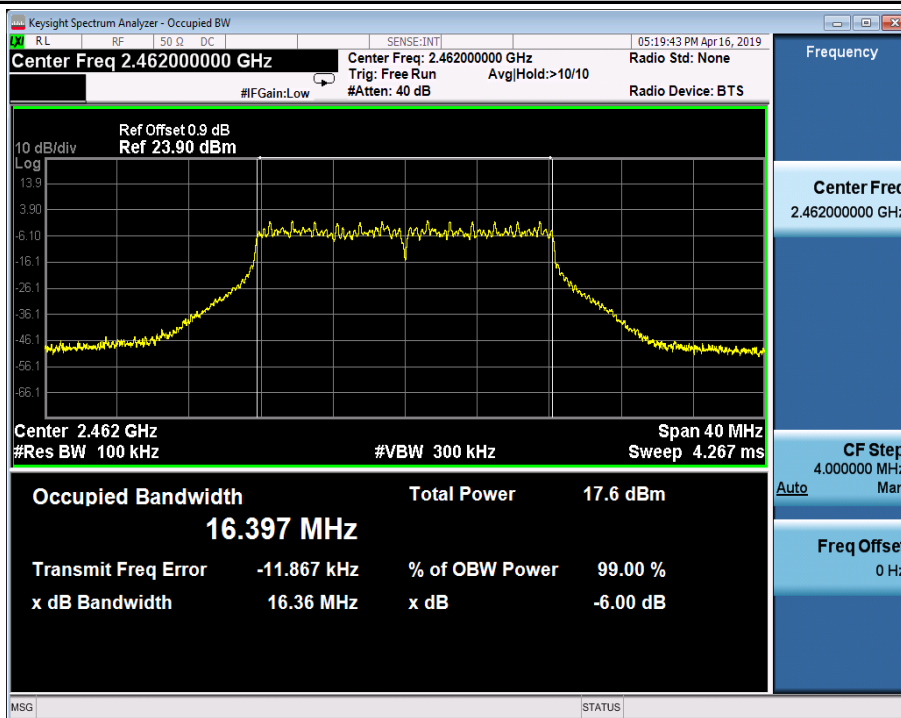
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6dB Bandwidth_11G_2442_Ant1



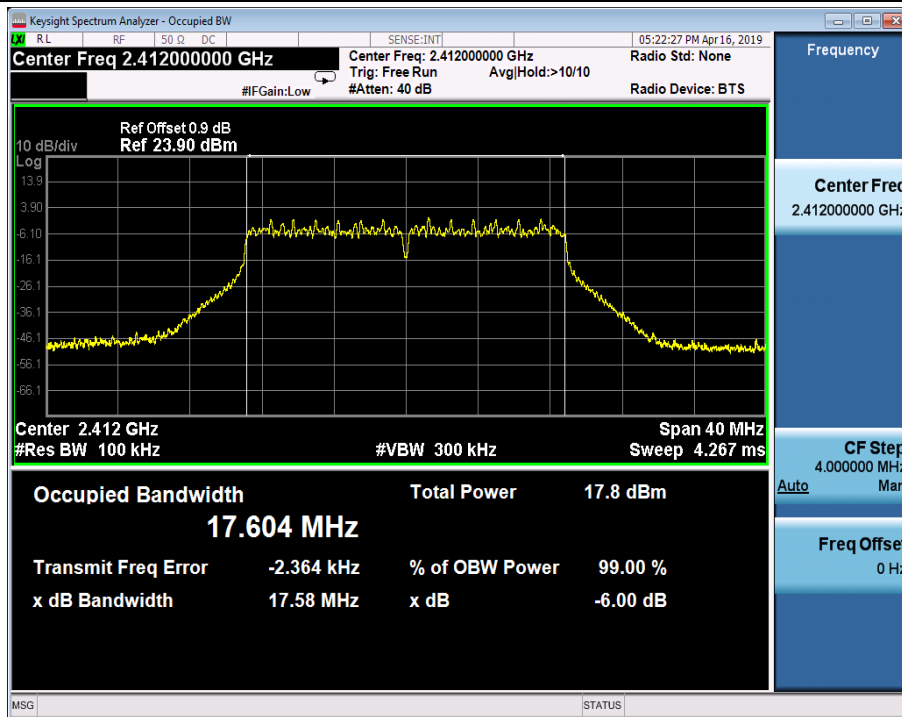
6dB Bandwidth_11G_2462_Ant1



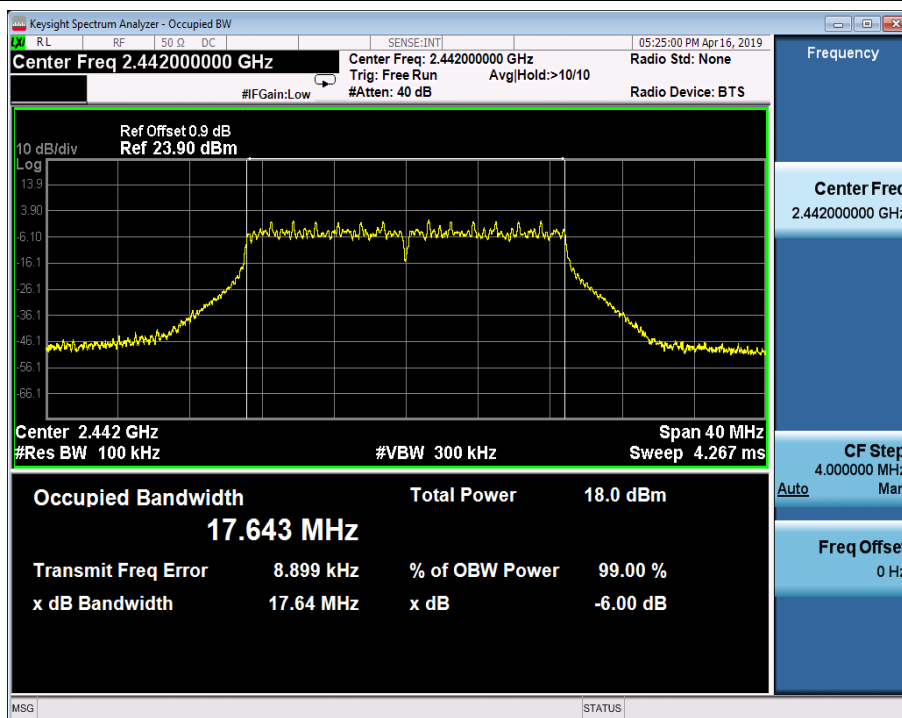
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6dB Bandwidth_11N20SISO_2412_Ant1



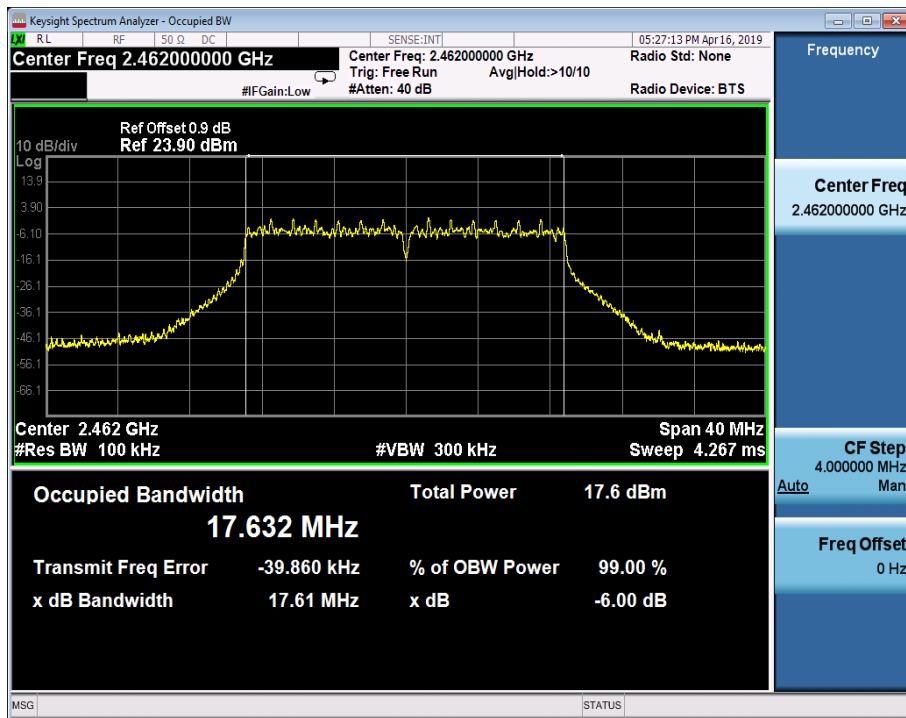
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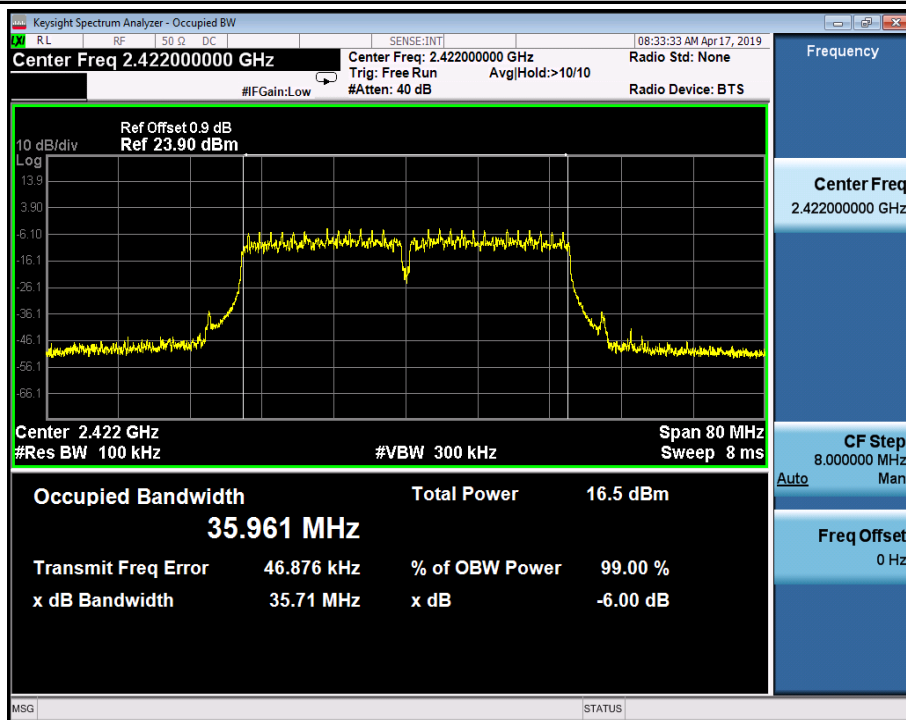
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6dB Bandwidth 11N20SISO 2462 Ant1



6dB Bandwidth_11N40SISO_2422_Ant1



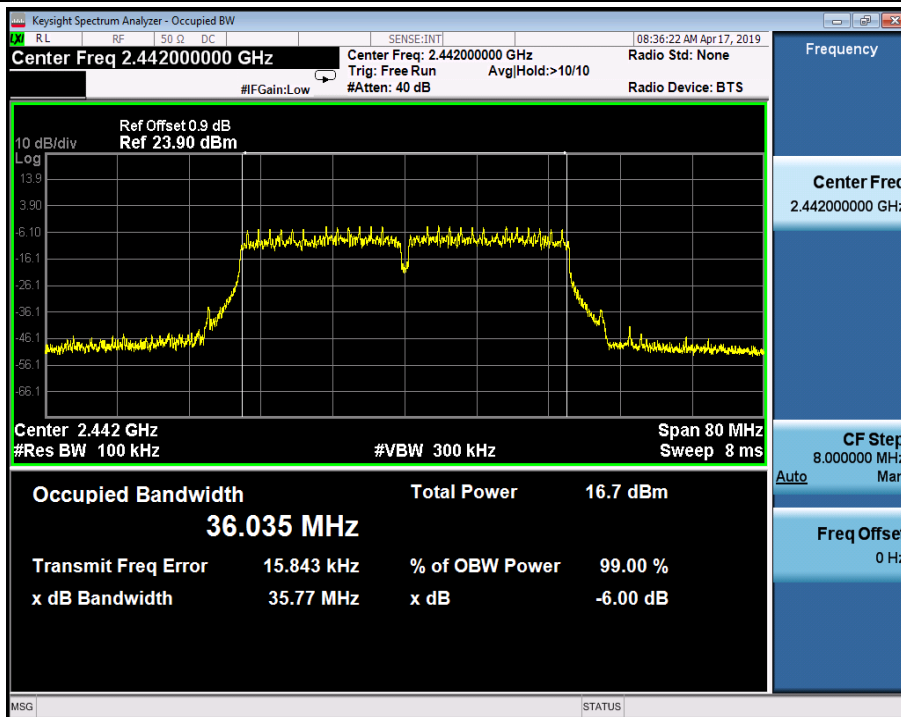
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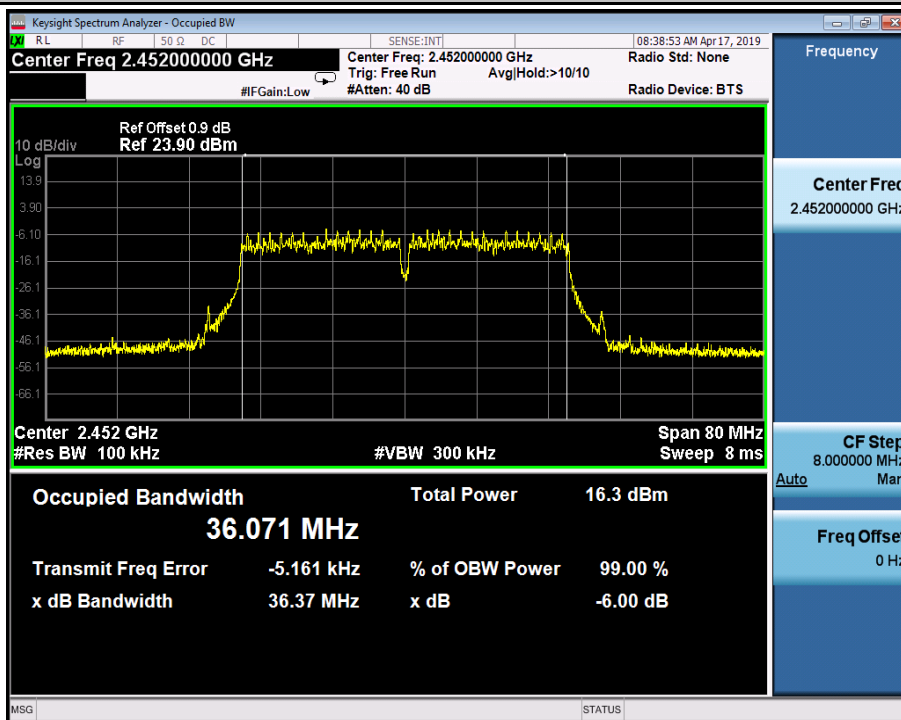
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6dB Bandwidth_11N40SISO_2442_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1



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Report No.: GZEM190301158602
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2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	19.24	30	PASS
11B	2442	Ant1	20.64	30	PASS
11B	2462	Ant1	19.93	30	PASS
11G	2412	Ant1	18.71	30	PASS
11G	2442	Ant1	18.74	30	PASS
11G	2462	Ant1	18.15	30	PASS
11N20SISO	2412	Ant1	18.59	30	PASS
11N20SISO	2442	Ant1	18.85	30	PASS
11N20SISO	2462	Ant1	18.54	30	PASS
11N40SISO	2422	Ant1	17.46	30	PASS
11N40SISO	2442	Ant1	17.72	30	PASS
11N40SISO	2452	Ant1	17.15	30	PASS

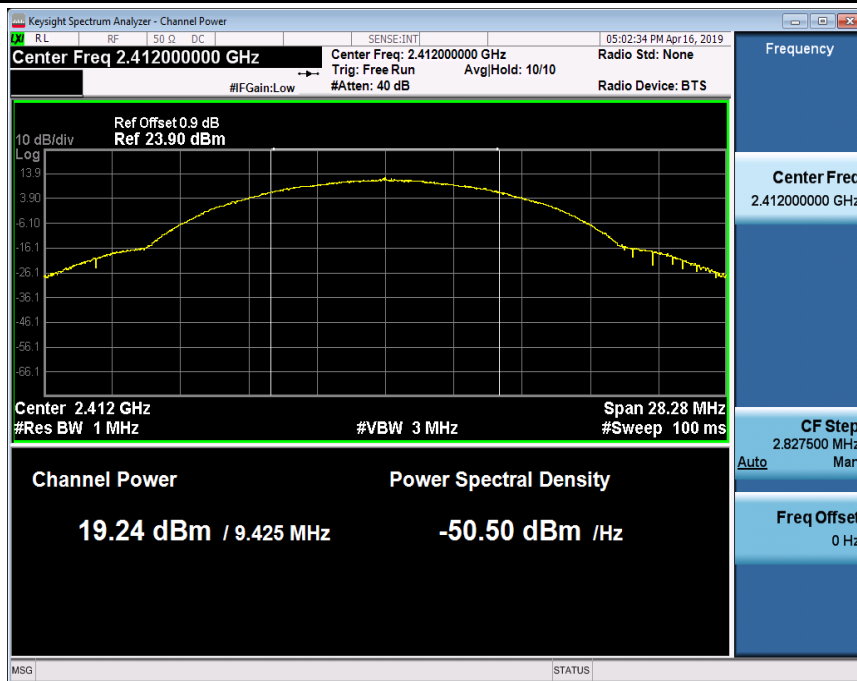


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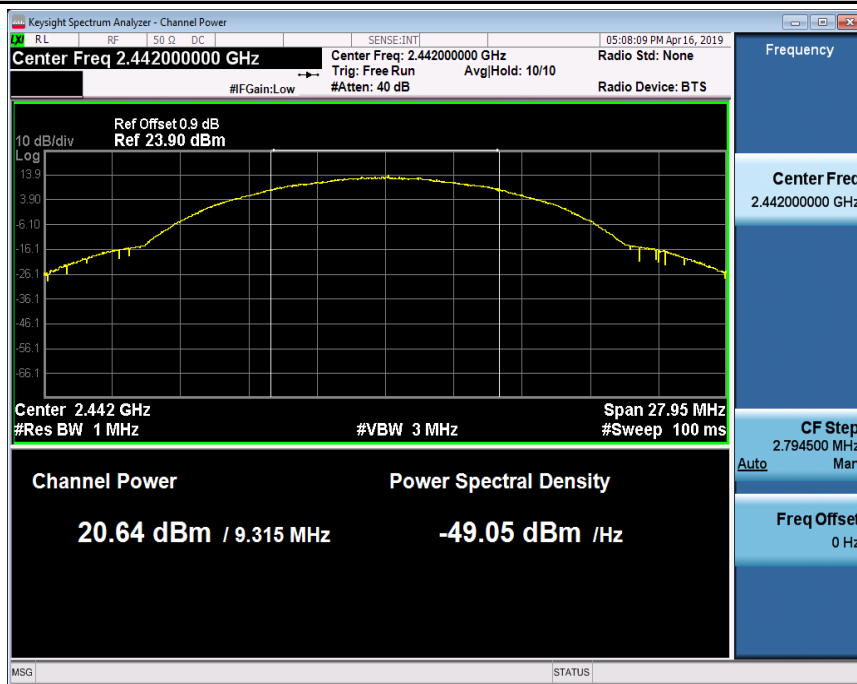
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TEST PLOT

Maximum peak conducted output power_11B_2412_Ant1



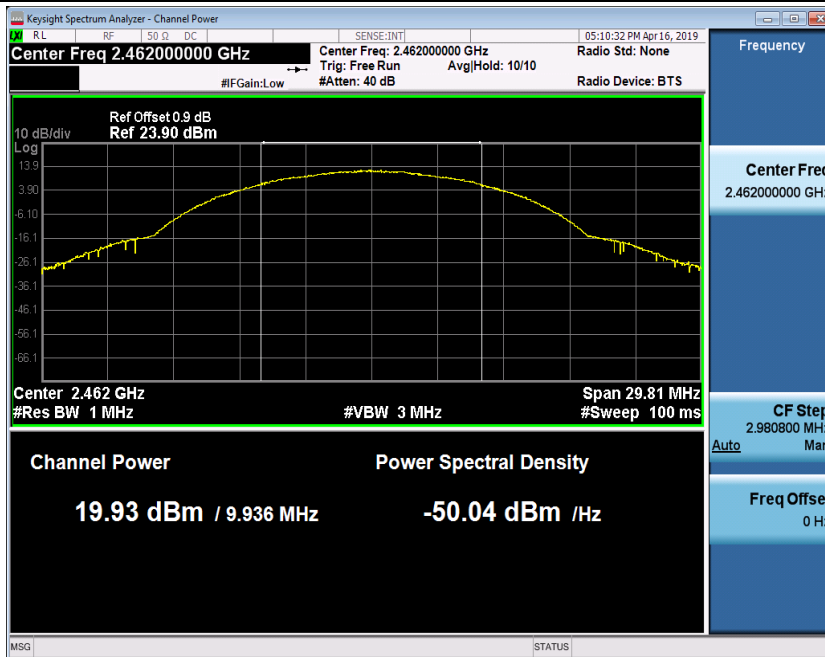
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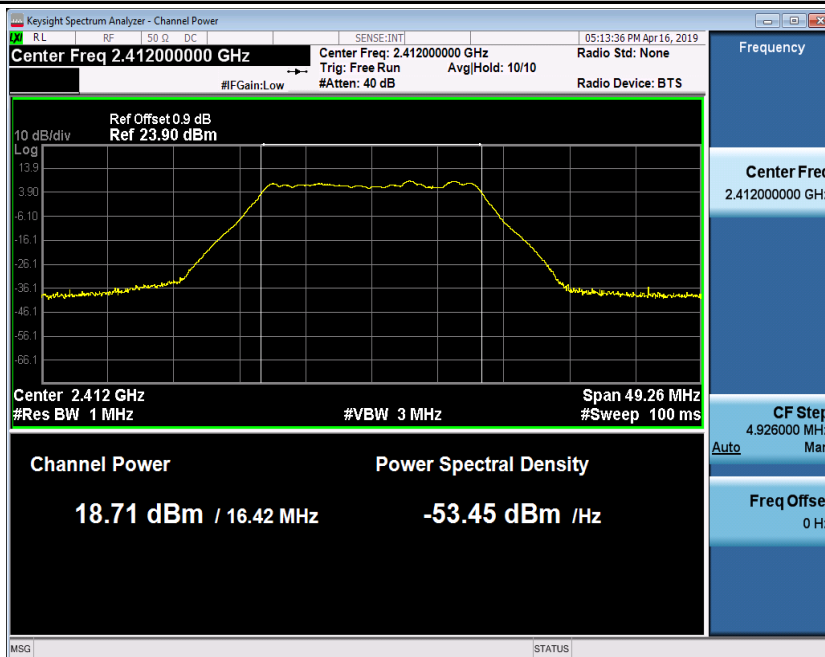
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Maximum peak conducted output power_11B_2462_Ant1



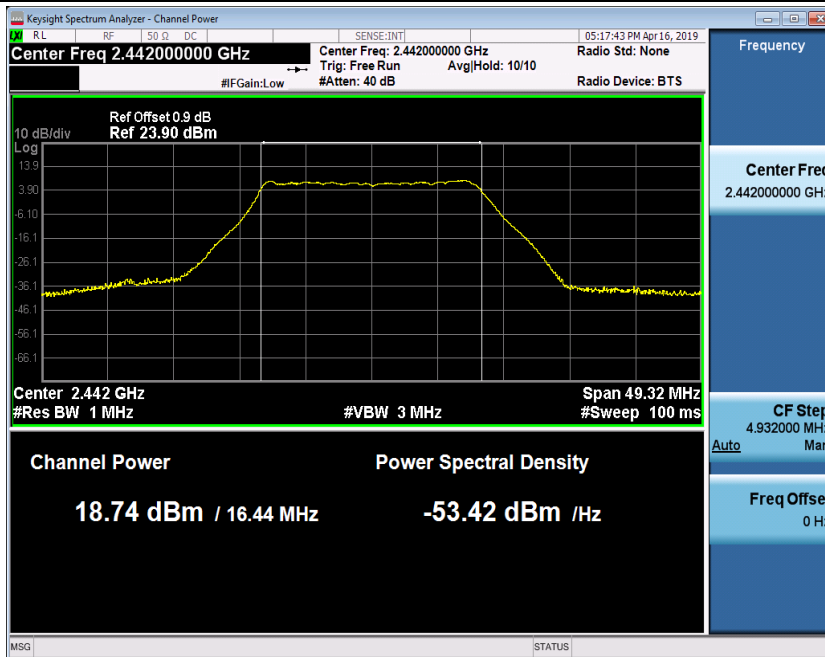
Maximum peak conducted output power_11G_2412_Ant1



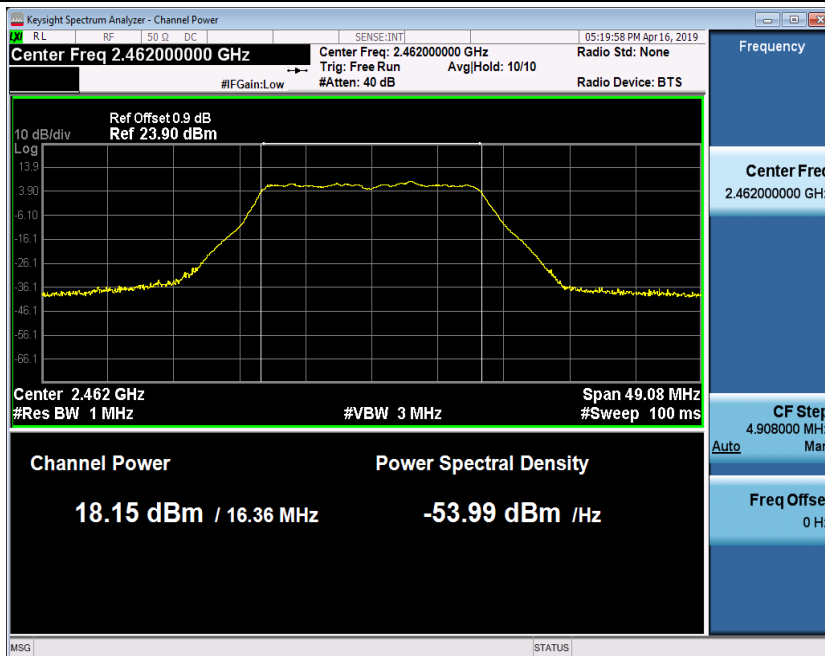
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Maximum peak conducted output power_11G_2442_Ant1



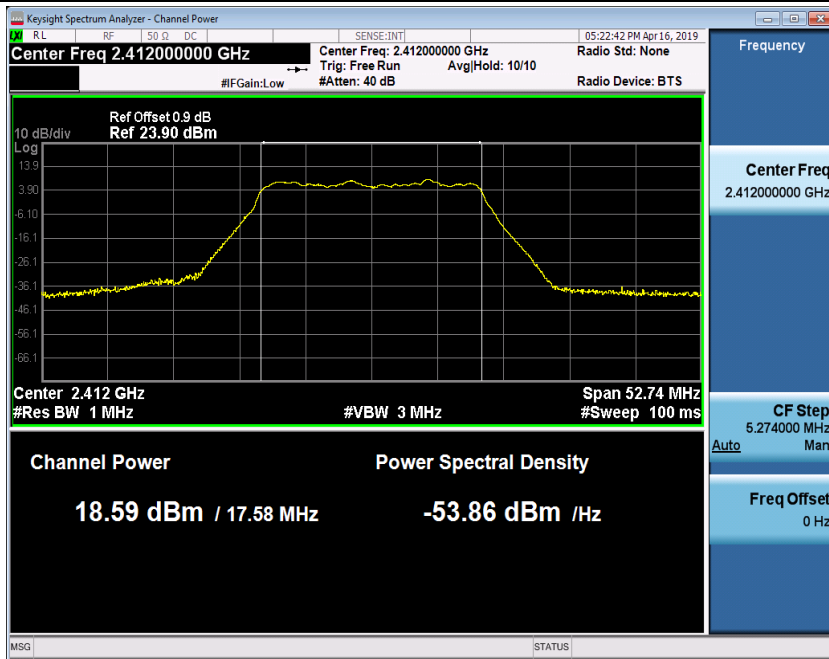
Maximum peak conducted output power_11G_2462_Ant1



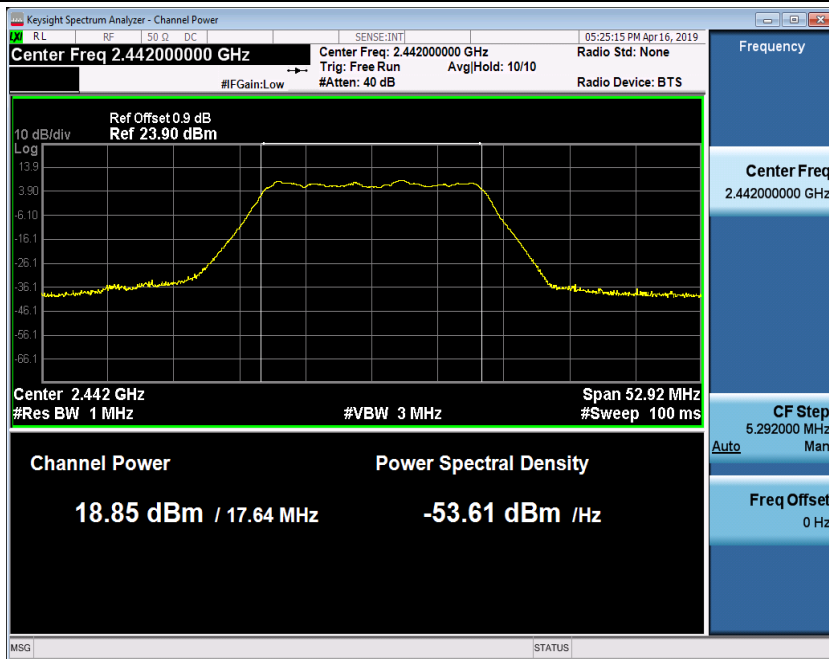
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Maximum peak conducted output power_11N20ISO_2412_Ant1



Maximum peak conducted output power_11N20ISO_2442_Ant1

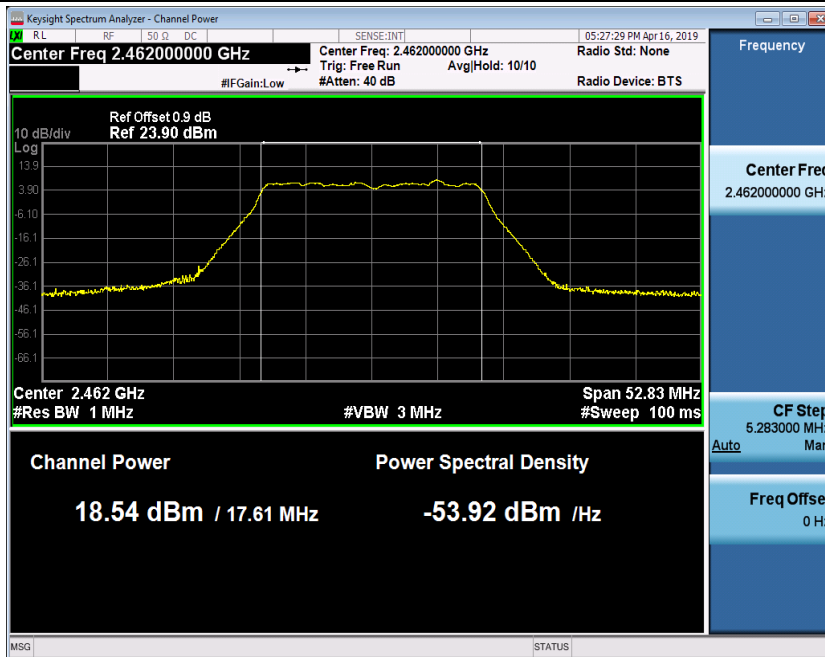


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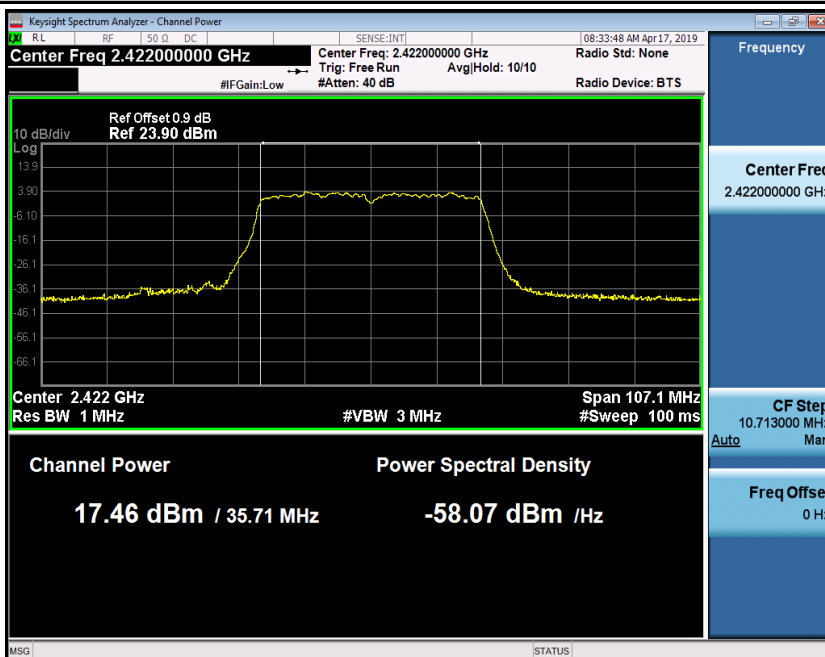
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Maximum peak conducted output power_11N20ISO_2462_Ant1



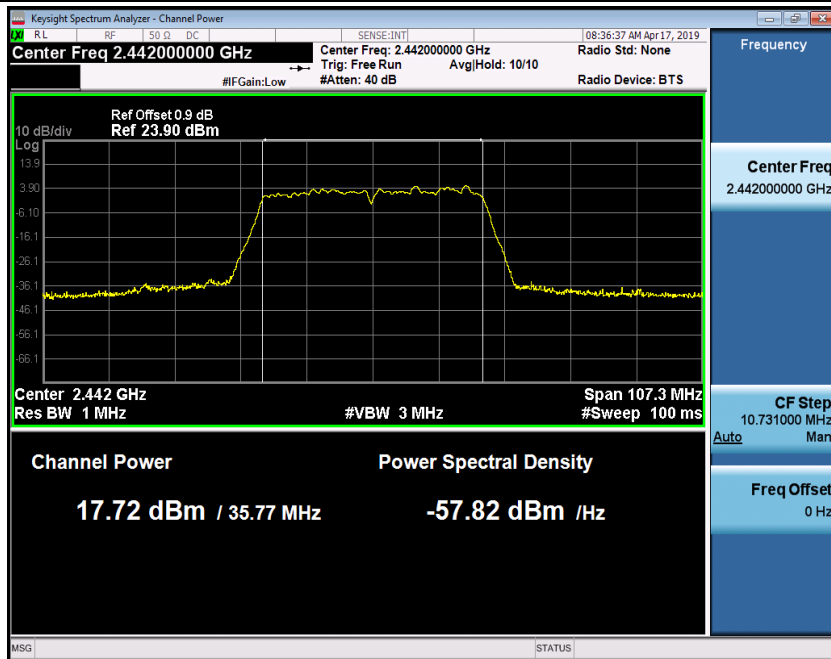
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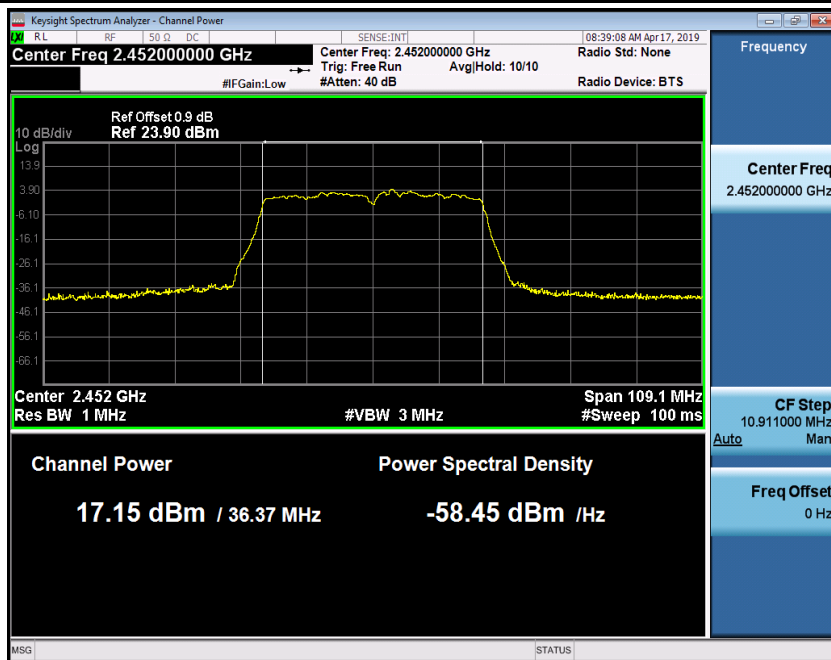
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Maximum peak conducted output power_11N40ISO_2442_Ant1



Maximum peak conducted output power_11N40ISO_2452_Ant1



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Report No.: GZEM190301158602

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3.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	Result	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-8.858	8.00	PASS
11B	2442	Ant1	-9.346	8.00	PASS
11B	2462	Ant1	-10.143	8.00	PASS
11G	2412	Ant1	-14.756	8.00	PASS
11G	2442	Ant1	-15.044	8.00	PASS
11G	2462	Ant1	-14.459	8.00	PASS
11N20SISO	2412	Ant1	-15.376	8.00	PASS
11N20SISO	2442	Ant1	-16.323	8.00	PASS
11N20SISO	2462	Ant1	-16.369	8.00	PASS
11N40SISO	2422	Ant1	-19.09	8.00	PASS
11N40SISO	2442	Ant1	-19.05	8.00	PASS
11N40SISO	2452	Ant1	-19.552	8.00	PASS



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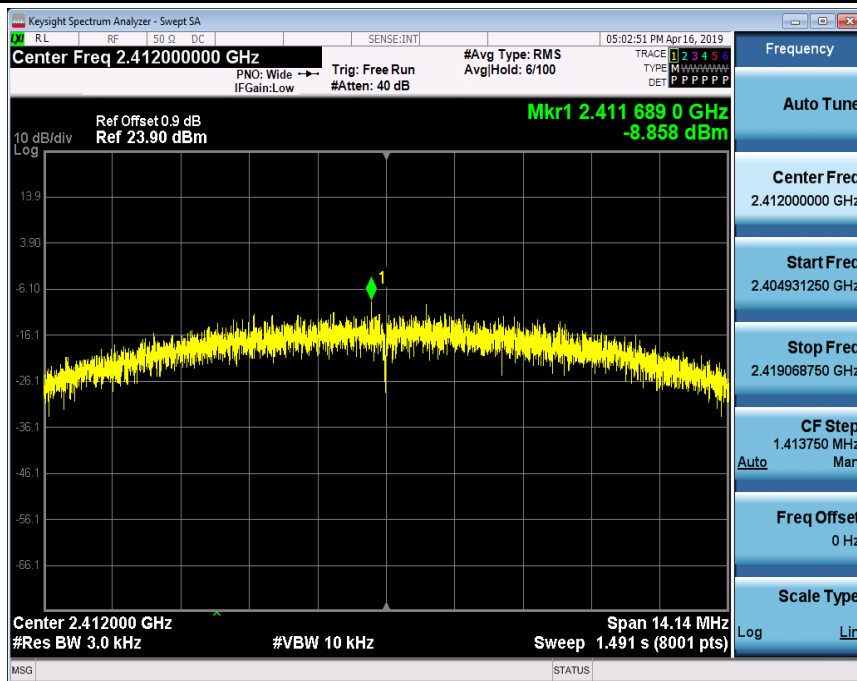
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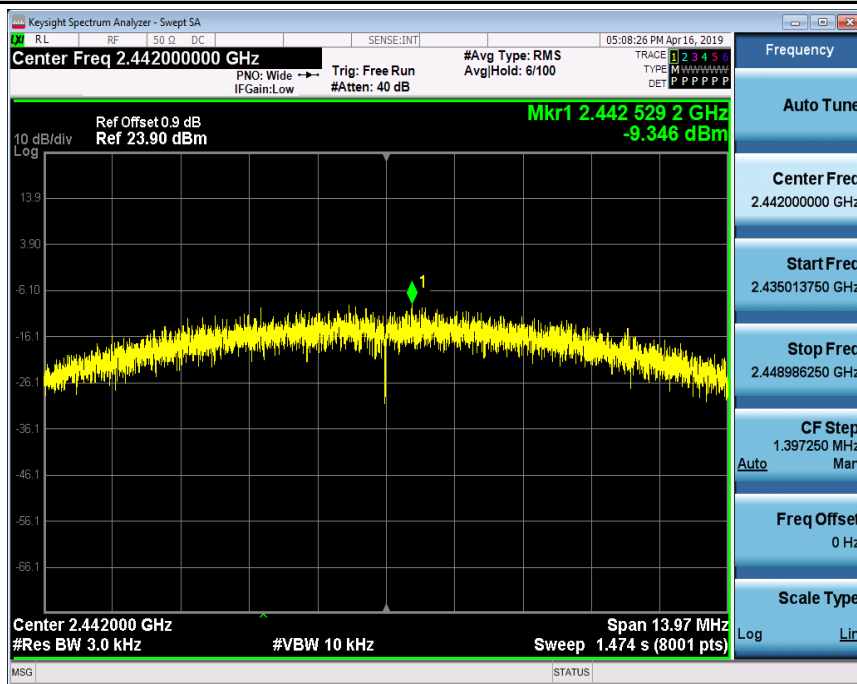
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TEST PLOT

Maximum Peak power spectral density_11B_2412_Ant1



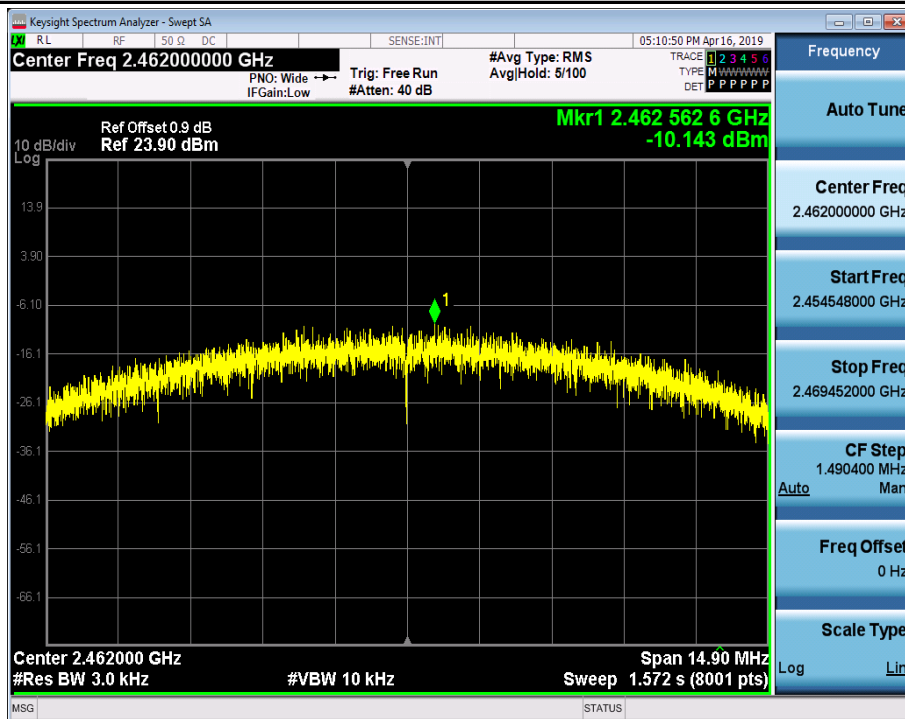
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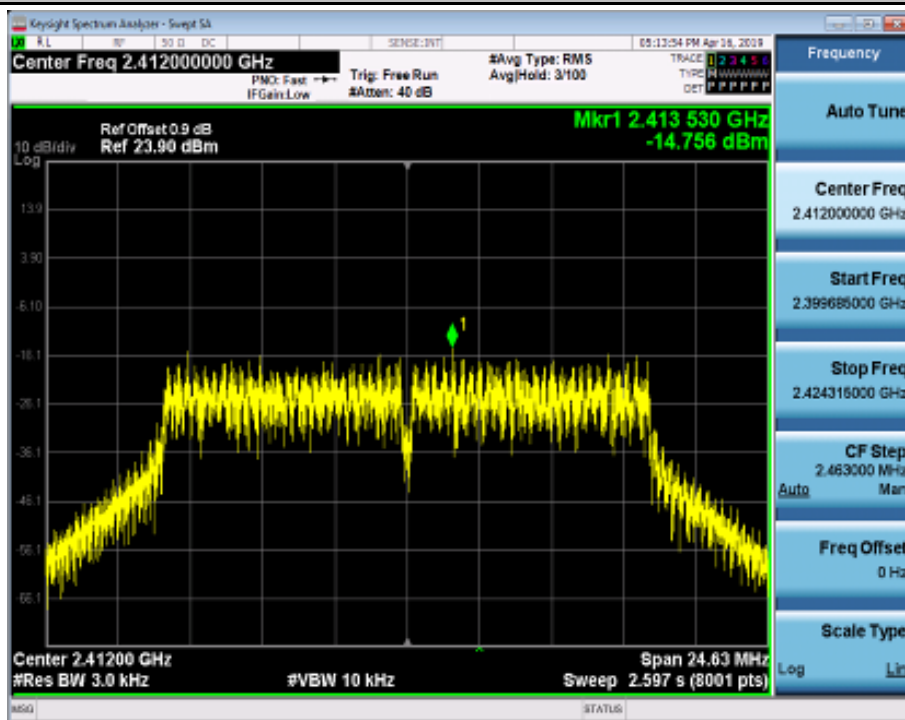
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Maximum Peak power spectral density_11B_2462_Ant1



Maximum Peak power spectral density_11G_2412_Ant1

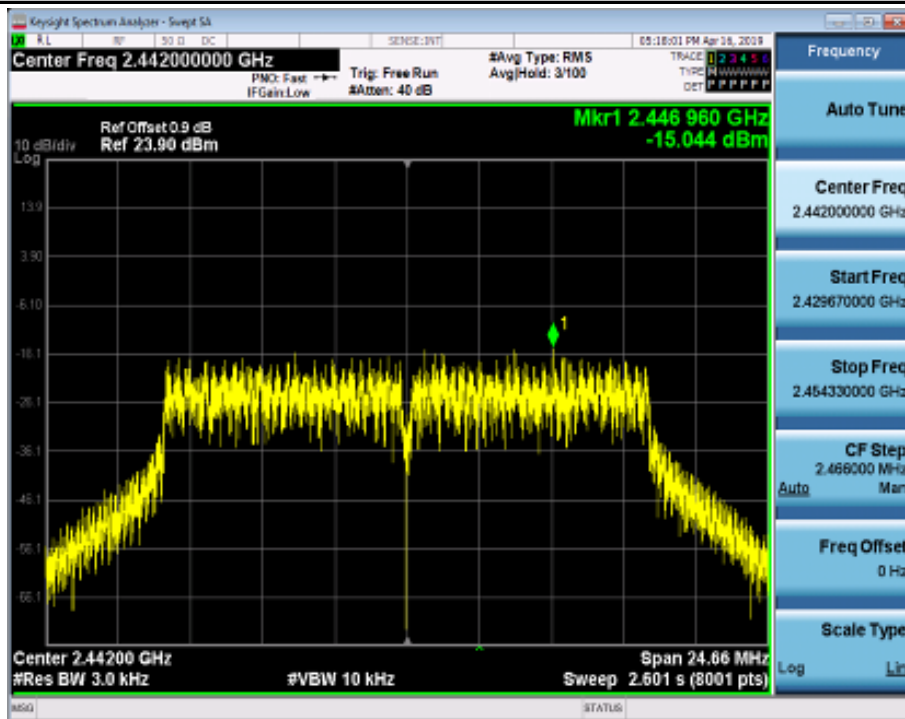


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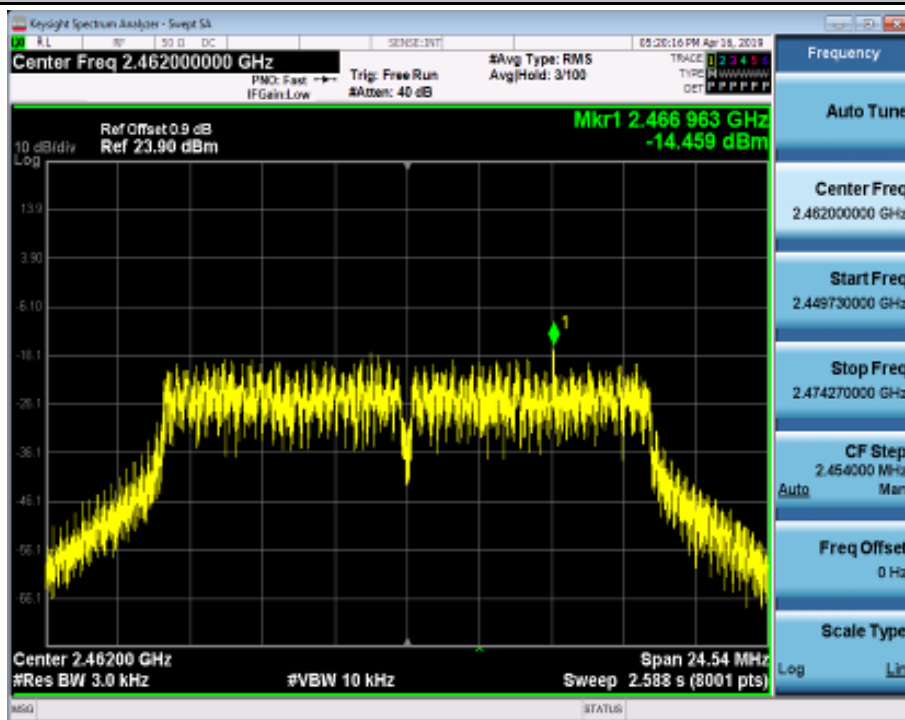
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Maximum Peak power spectral density_11G_2442_Ant1



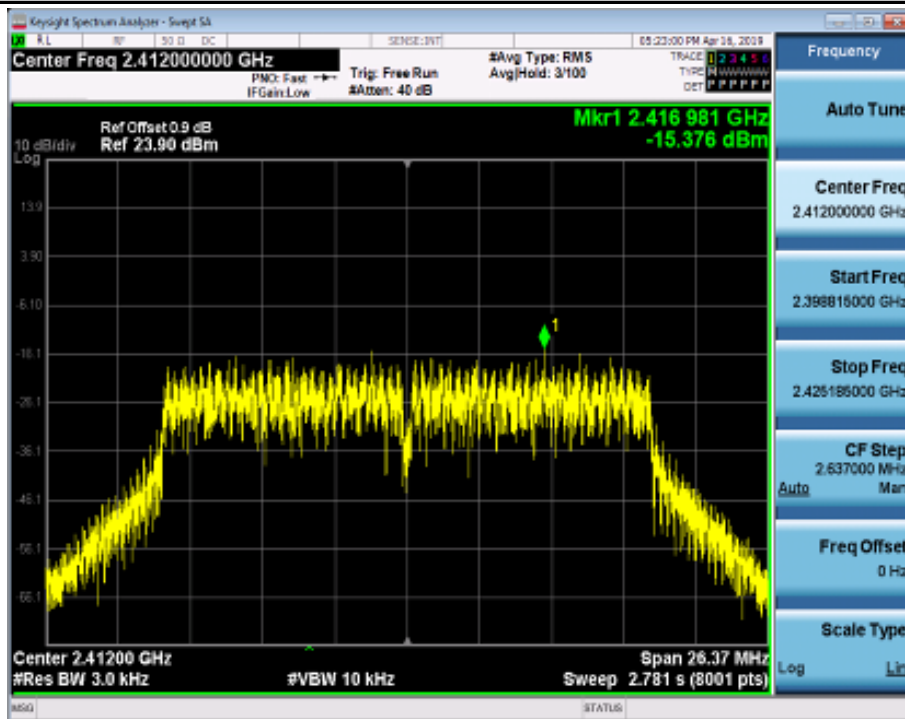
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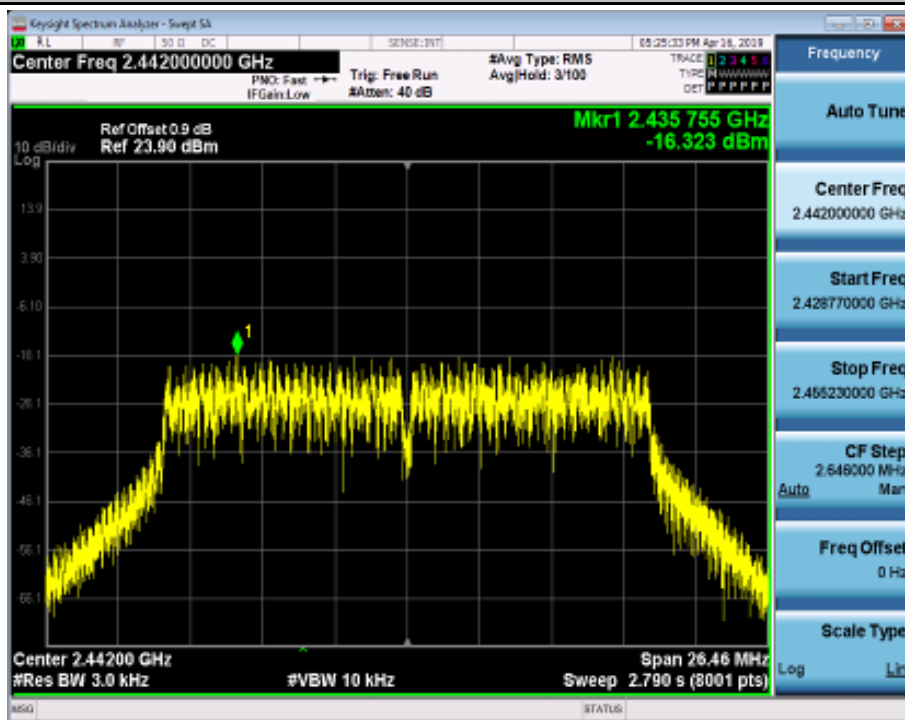
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Maximum Peak power spectral density_11N20SISO_2412_Ant1



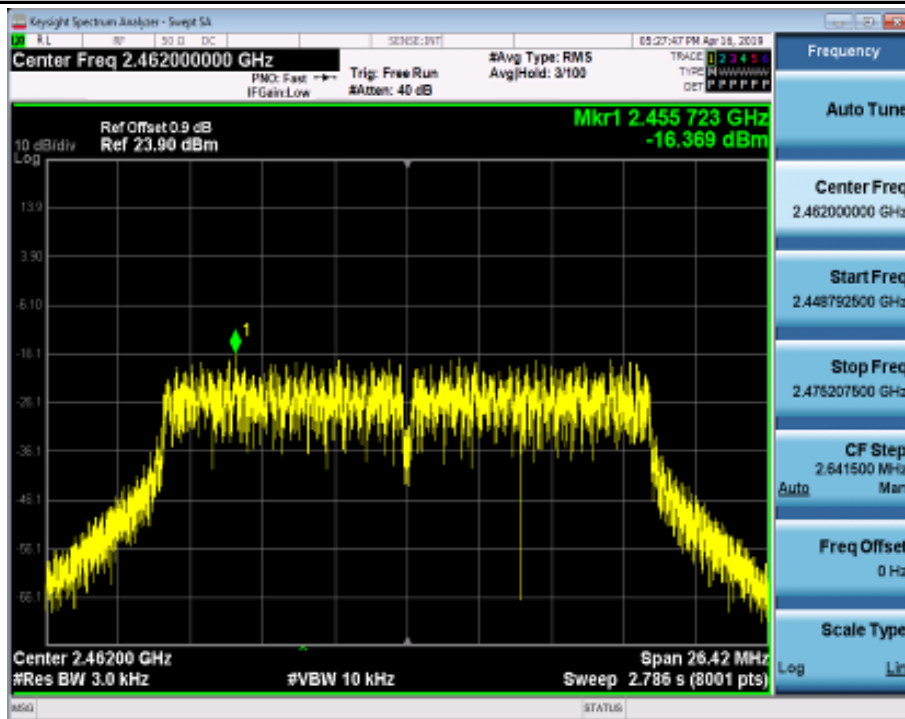
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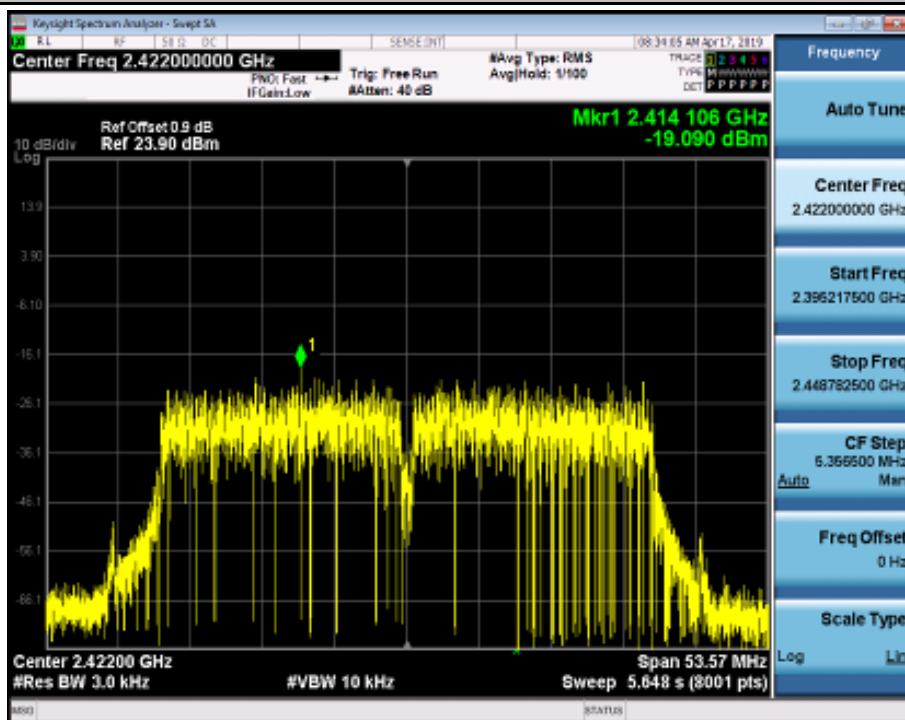
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Maximum Peak power spectral density 11N20SISO 2462 Ant1



Maximum Peak power spectral density 11N40SISO 2422 Ant1



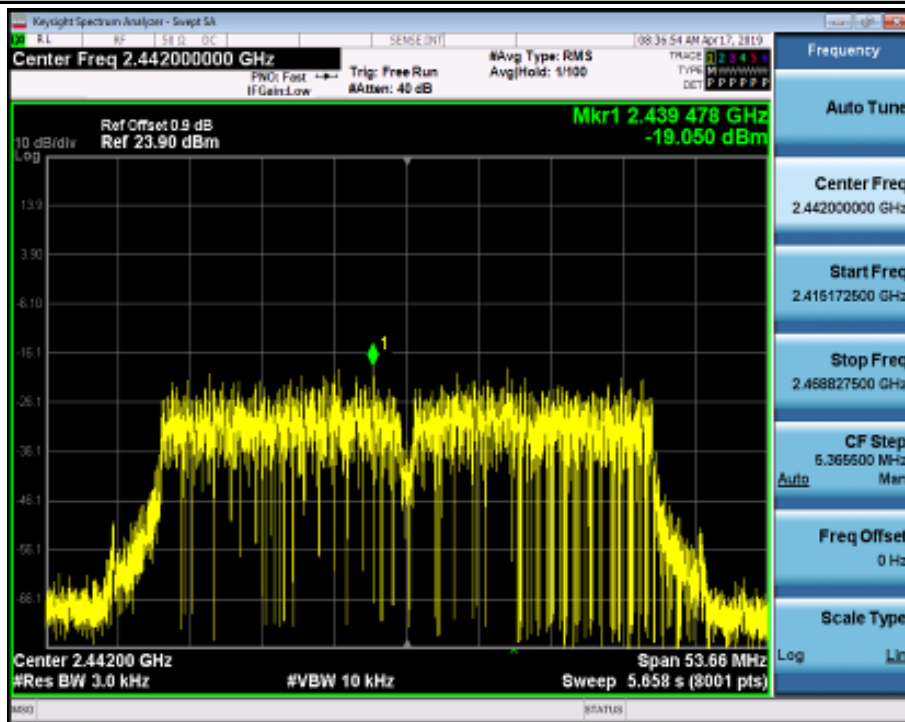
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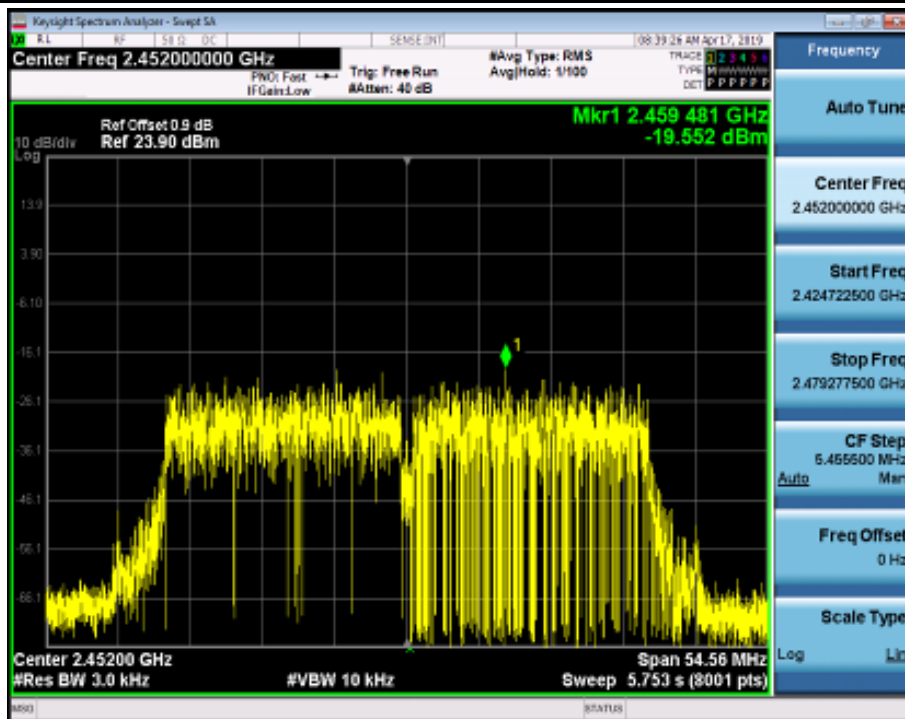
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Maximum Peak power spectral density_11N40ISO_2442_Ant1



Maximum Peak power spectral density_11N40ISO_2452_Ant1



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Report No.: GZEM190301158602

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4.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	5.259	-47.461	-14.74	PASS
11B	2462	Ant1	4.406	-47.930	-15.59	PASS
11G	2412	Ant1	-0.284	-48.327	-20.28	PASS
11G	2462	Ant1	-0.357	-48.164	-20.36	PASS
11N20SISO	2412	Ant1	-0.300	-48.563	-20.3	PASS
11N20SISO	2462	Ant1	-0.112	-47.626	-20.11	PASS
11N40SISO	2422	Ant1	-4.046	-45.478	-24.05	PASS
11N40SISO	2452	Ant1	-4.307	-47.422	-24.31	PASS



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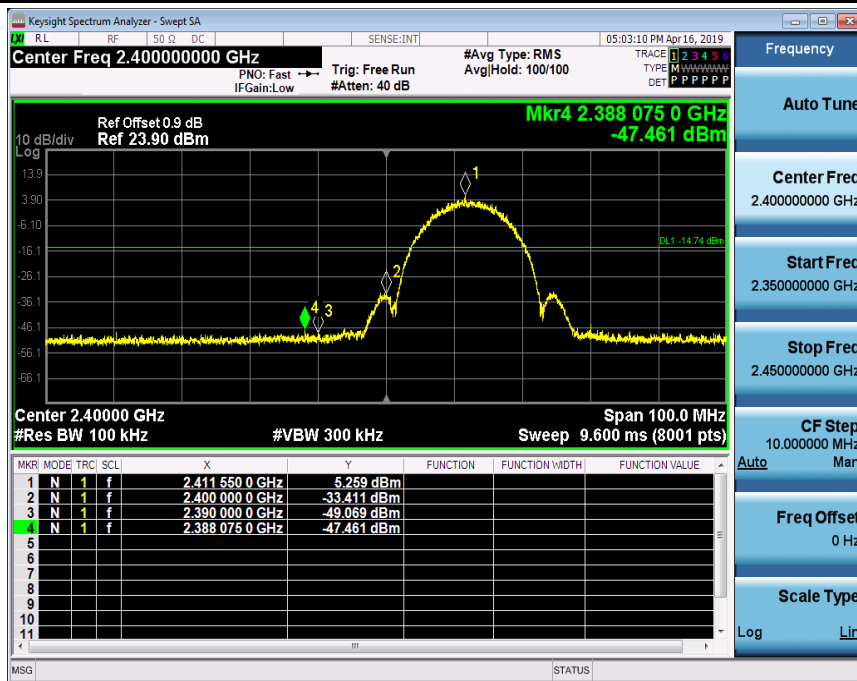
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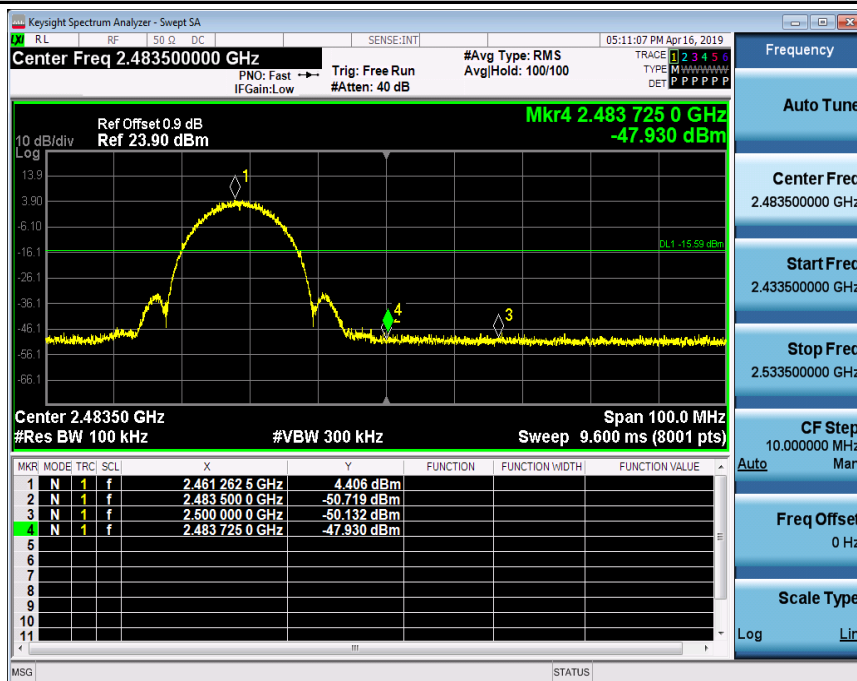
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TEST PLOT

Band-edge for RF Conducted Emissions_11B_2412_Ant1



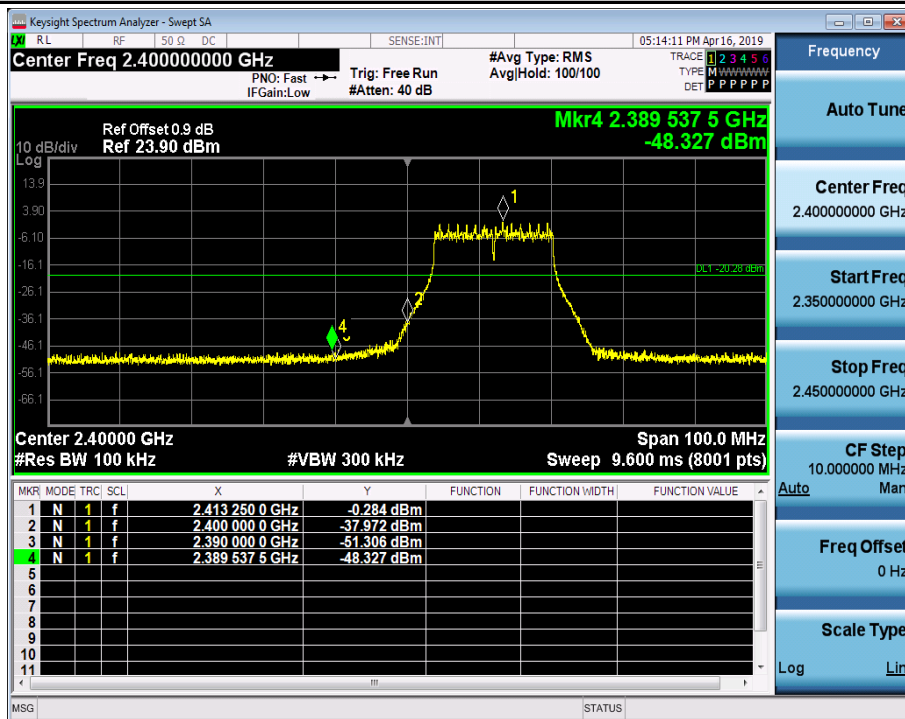
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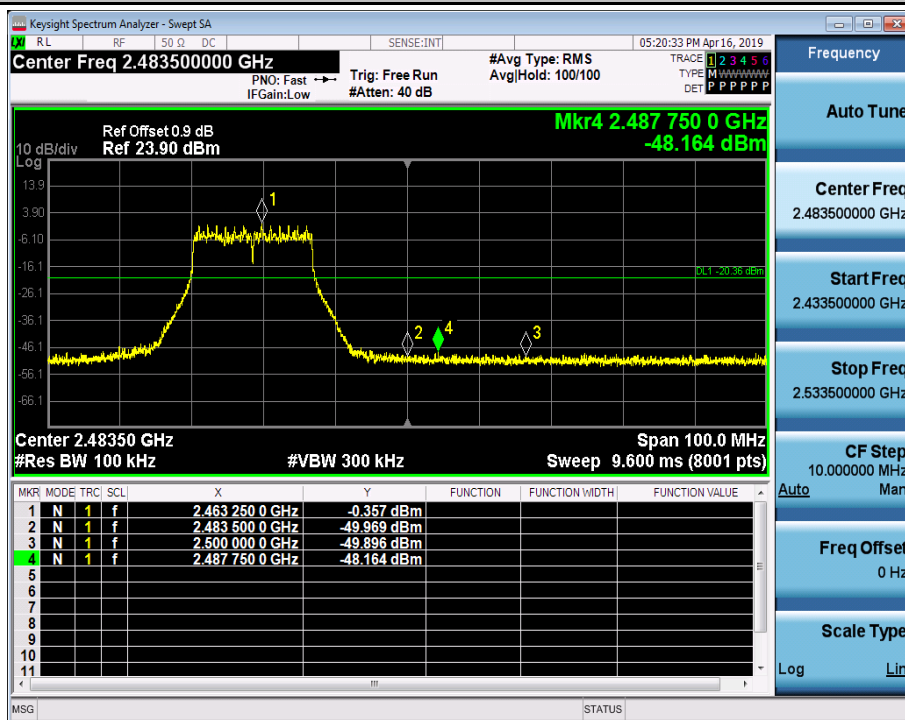
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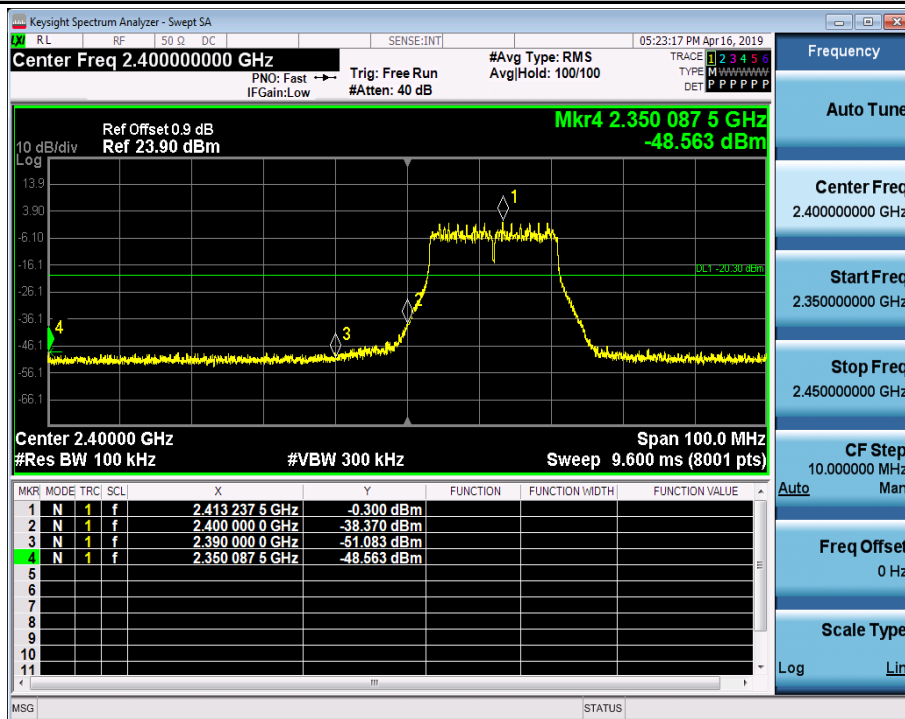
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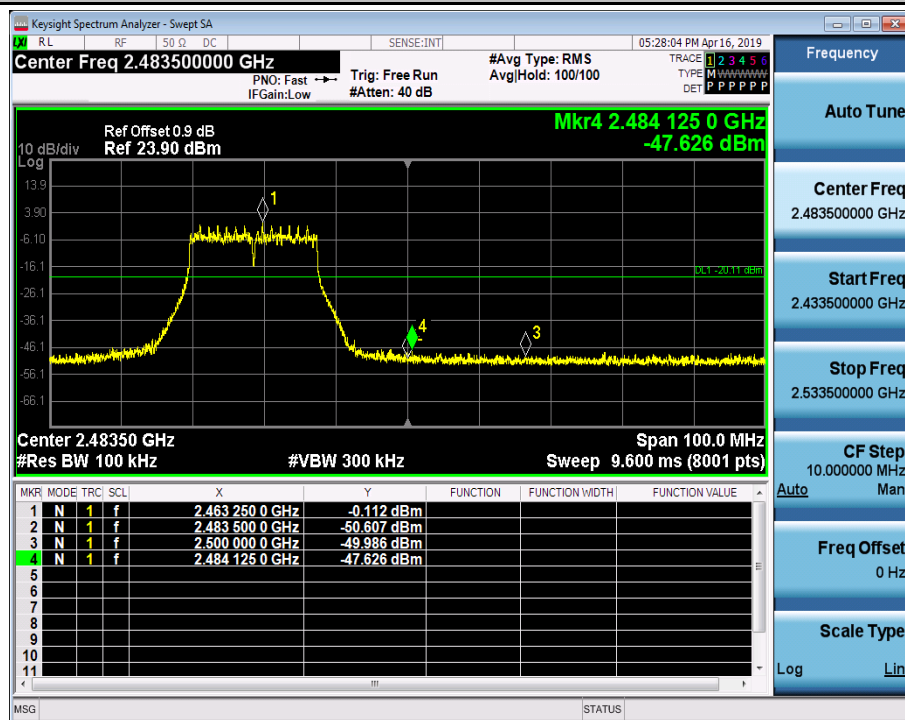
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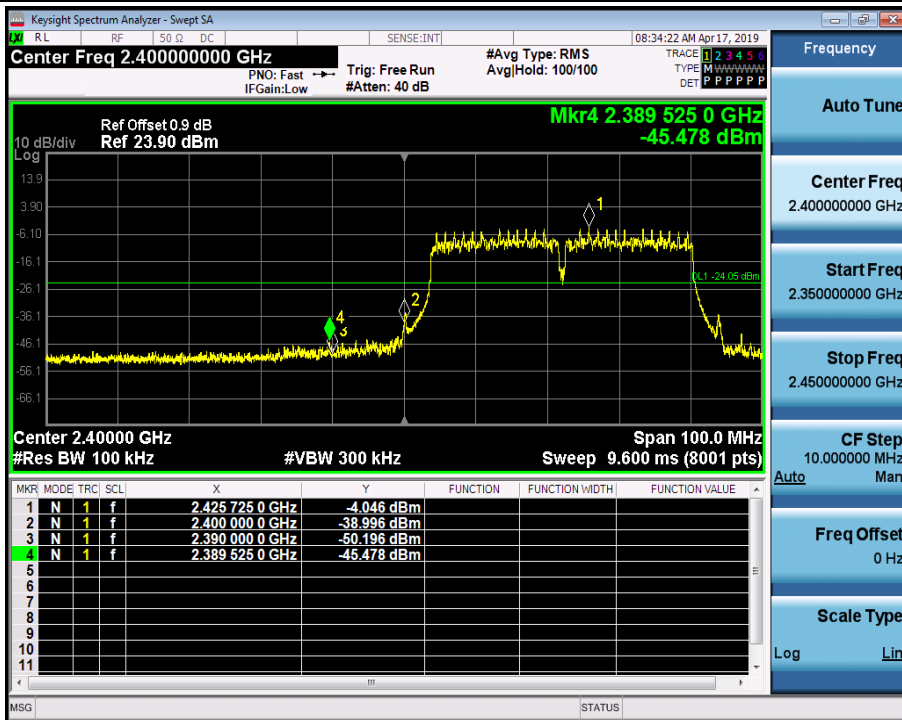
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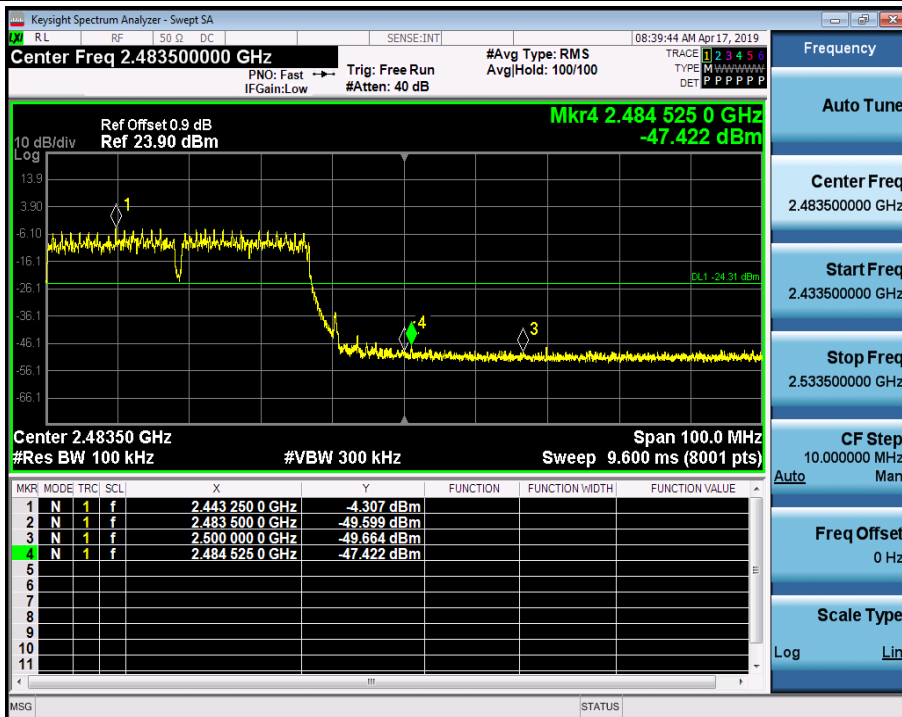
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Band-edge for RF Conducted Emissions_11N40ISO_2422_Ant1



Band-edge for RF Conducted Emissions_11N40ISO_2452_Ant1



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5.RF Conducted Spurious Emissions

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	5.473	-49.660	<-14.527	PASS
11B	2412	Ant1	10000	26000	100	300	5.473	-52.194	<-14.527	PASS
11B	2442	Ant1	30	10000	100	300	5.465	-51.236	<-14.535	PASS
11B	2442	Ant1	10000	26000	100	300	5.465	-51.663	<-14.535	PASS
11B	2462	Ant1	30	10000	100	300	5.033	-54.114	<-14.967	PASS
11B	2462	Ant1	10000	26000	100	300	5.033	-51.927	<-14.967	PASS
11G	2412	Ant1	30	10000	100	300	-0.387	-54.006	<-20.387	PASS
11G	2412	Ant1	10000	26000	100	300	-0.387	-51.943	<-20.387	PASS
11G	2442	Ant1	30	10000	100	300	-0.056	-54.532	<-20.056	PASS
11G	2442	Ant1	10000	26000	100	300	-0.056	-51.705	<-20.056	PASS
11G	2462	Ant1	30	10000	100	300	-0.44	-54.413	<-20.44	PASS
11G	2462	Ant1	10000	26000	100	300	-0.44	-51.893	<-20.44	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.276	-52.986	<-20.276	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.276	-52.469	<-20.276	PASS
11N20SISO	2442	Ant1	30	10000	100	300	-0.046	-54.240	<-20.046	PASS
11N20SISO	2442	Ant1	10000	26000	100	300	-0.046	-52.078	<-20.046	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-0.266	-54.637	<-20.266	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-0.266	-52.388	<-20.266	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-4.107	-54.913	<-24.107	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-4.107	-51.215	<-24.107	PASS
11N40SISO	2442	Ant1	30	10000	100	300	-3.823	-53.981	<-23.823	PASS
11N40SISO	2442	Ant1	10000	26000	100	300	-3.823	-51.540	<-23.823	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-4.191	-53.674	<-24.191	PASS
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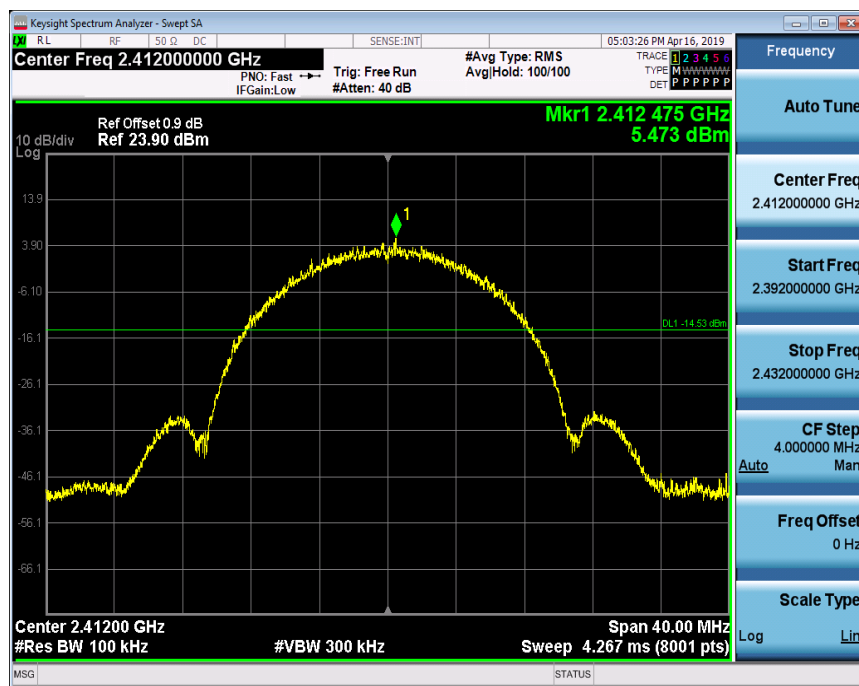
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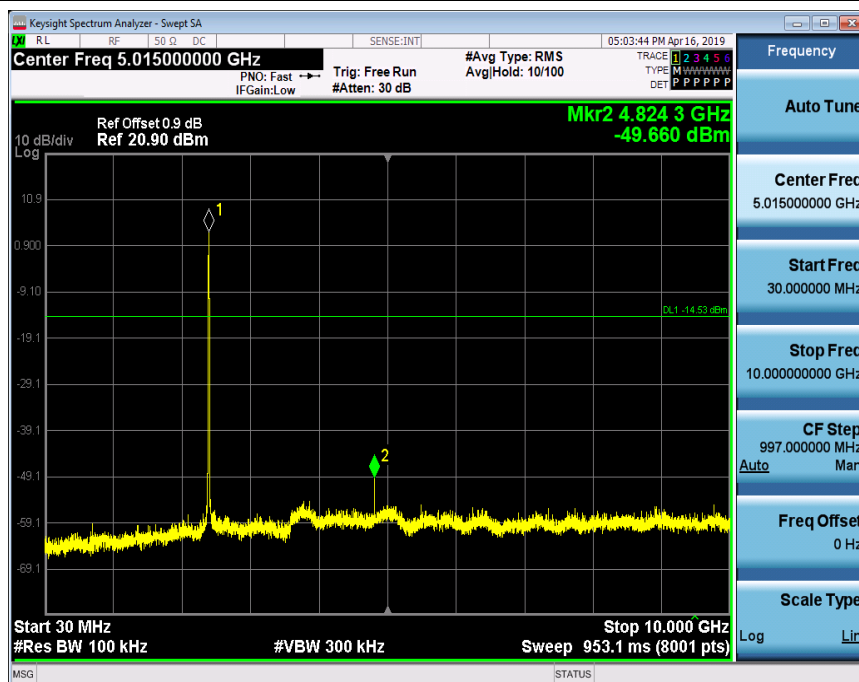
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RF Conducted Spurious Emissions_11B_2412_Ant1

Pref



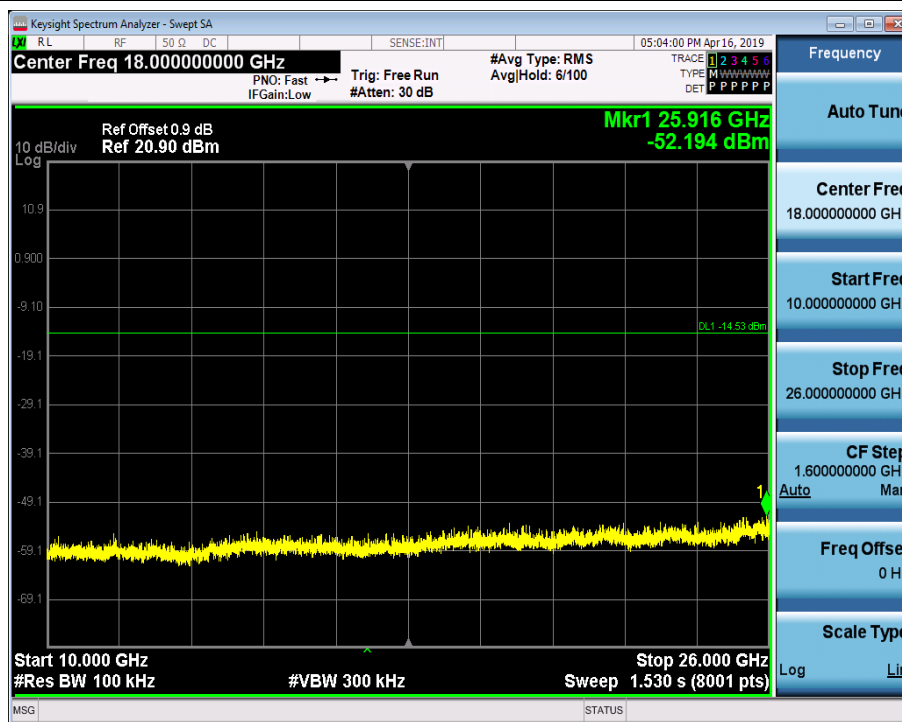
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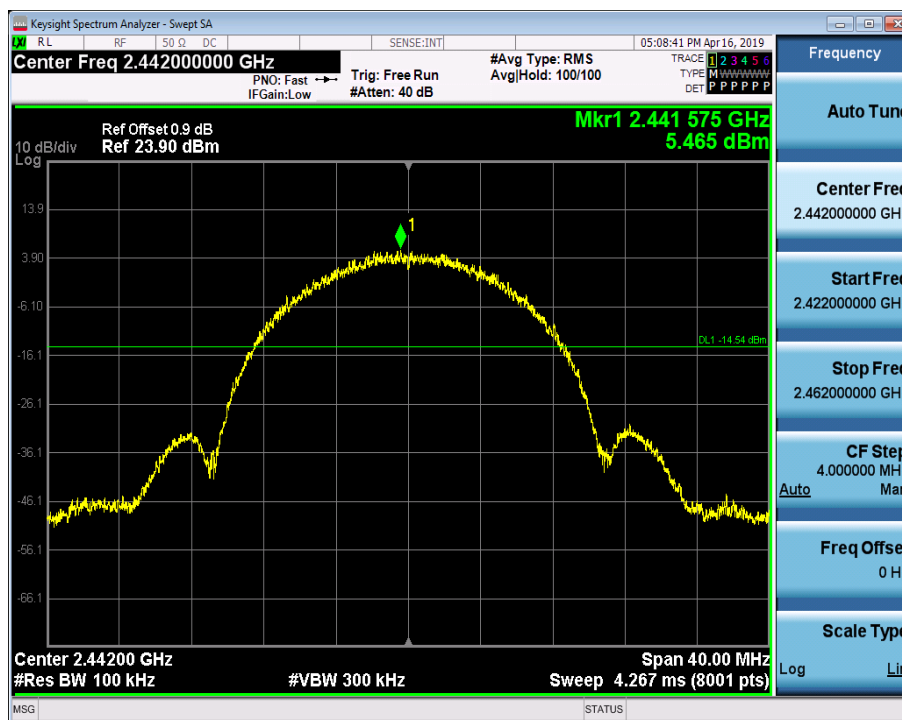
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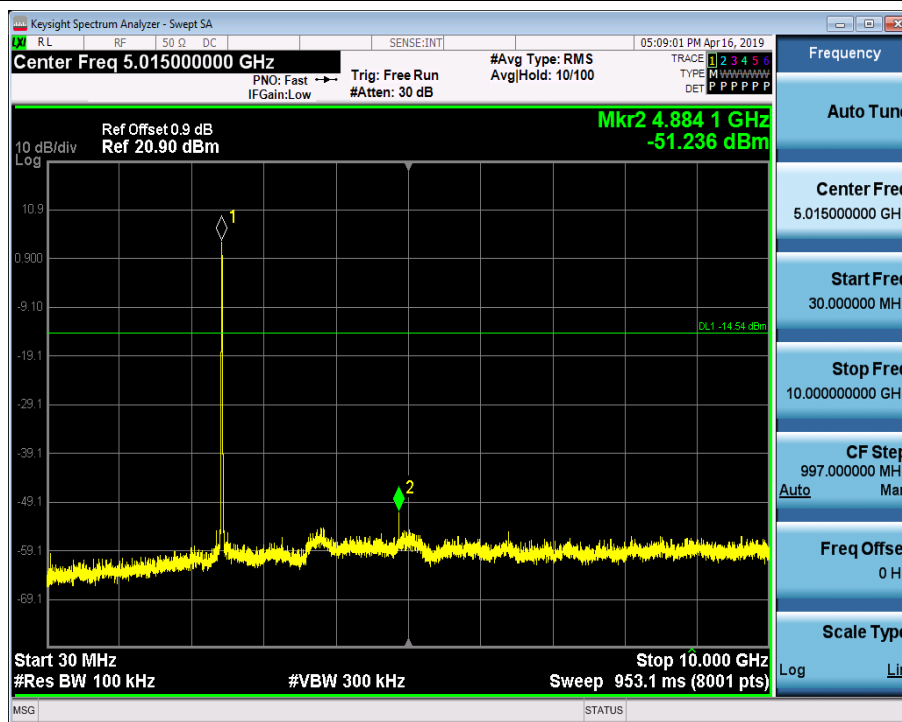
Pref



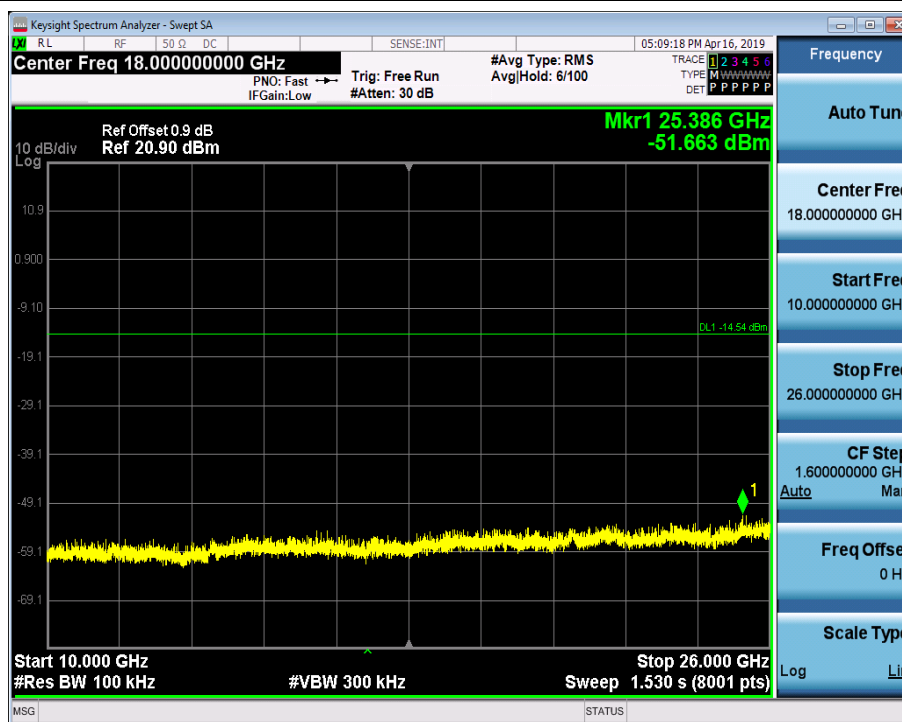
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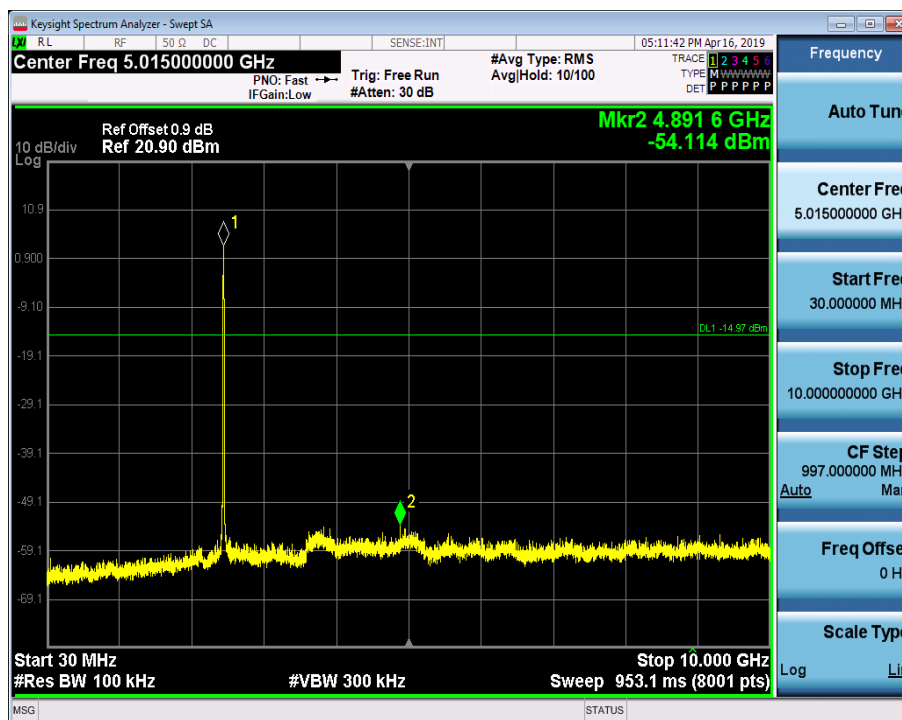
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RF Conducted Spurious Emissions_11B_2462_Ant1

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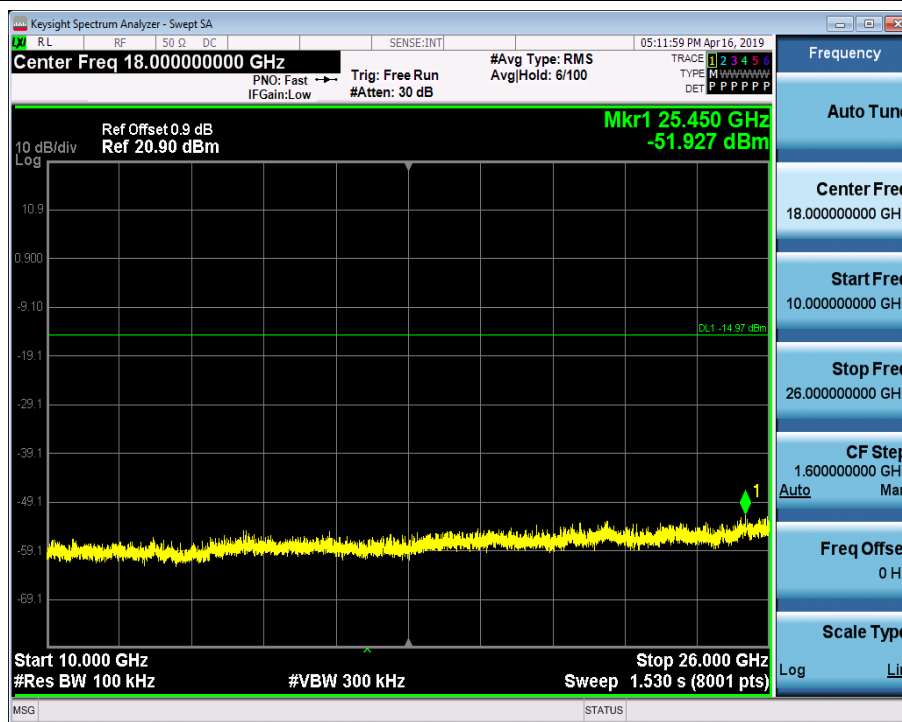
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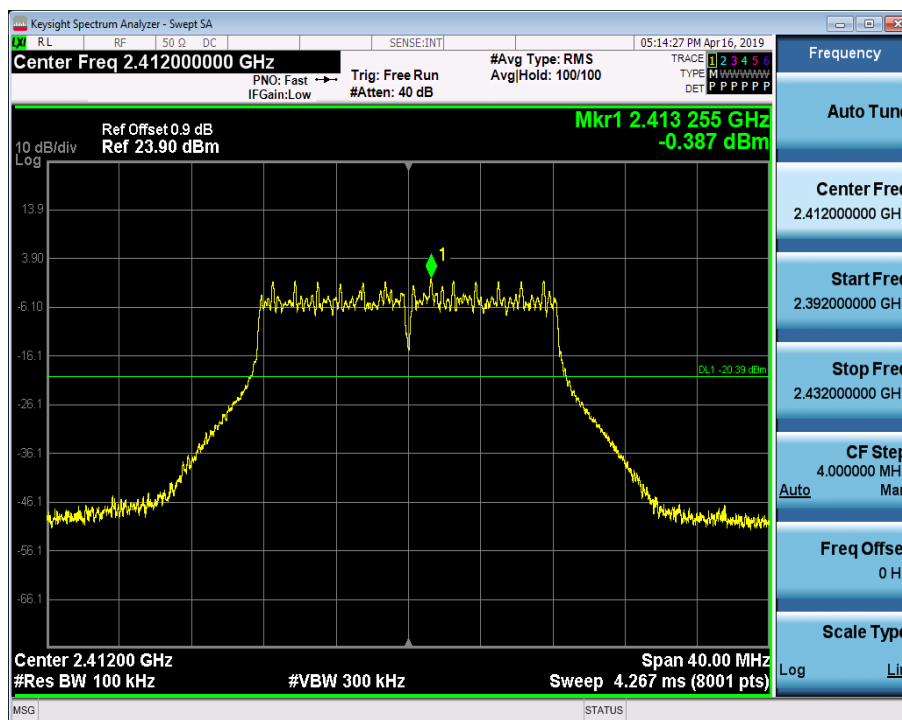
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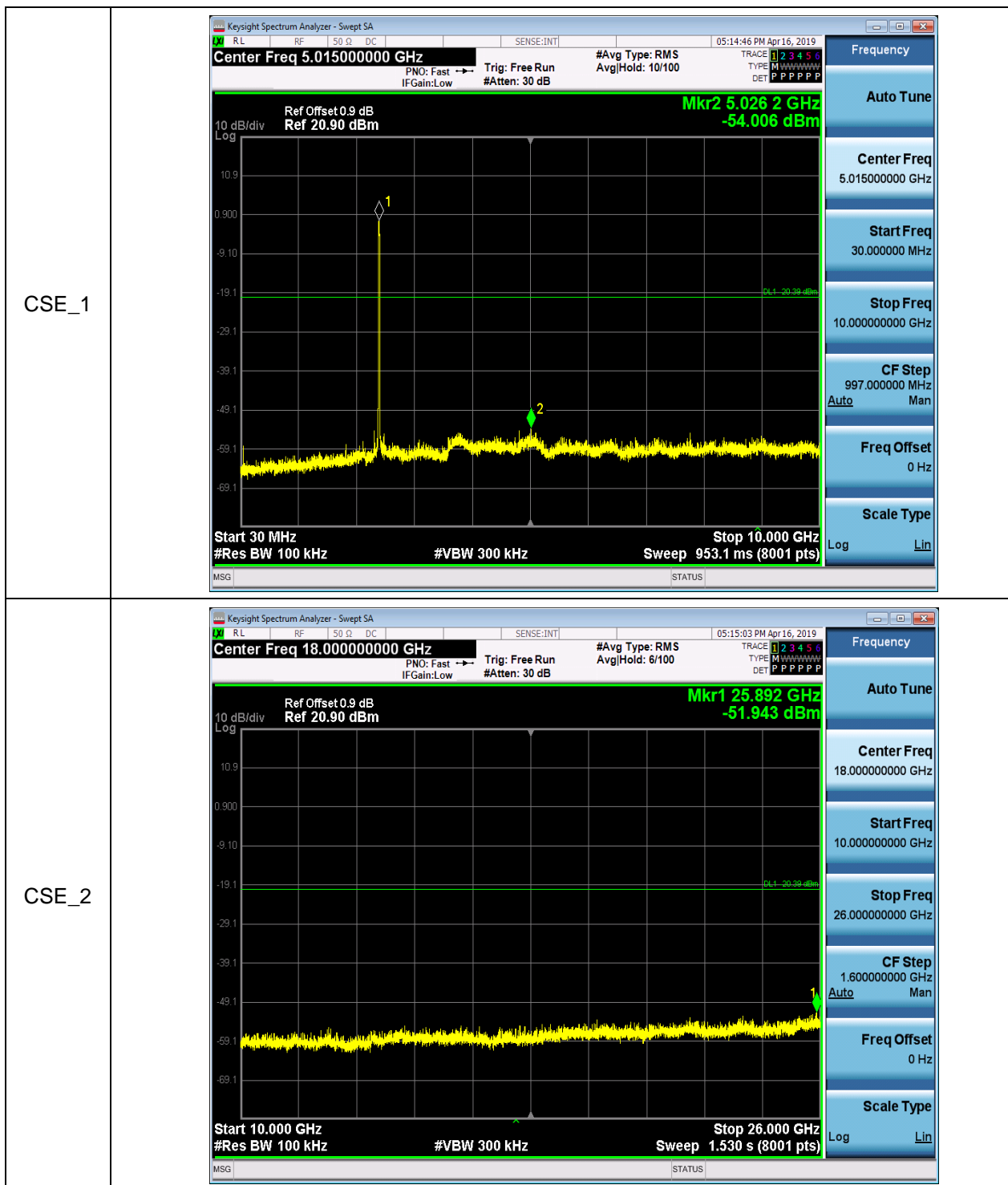
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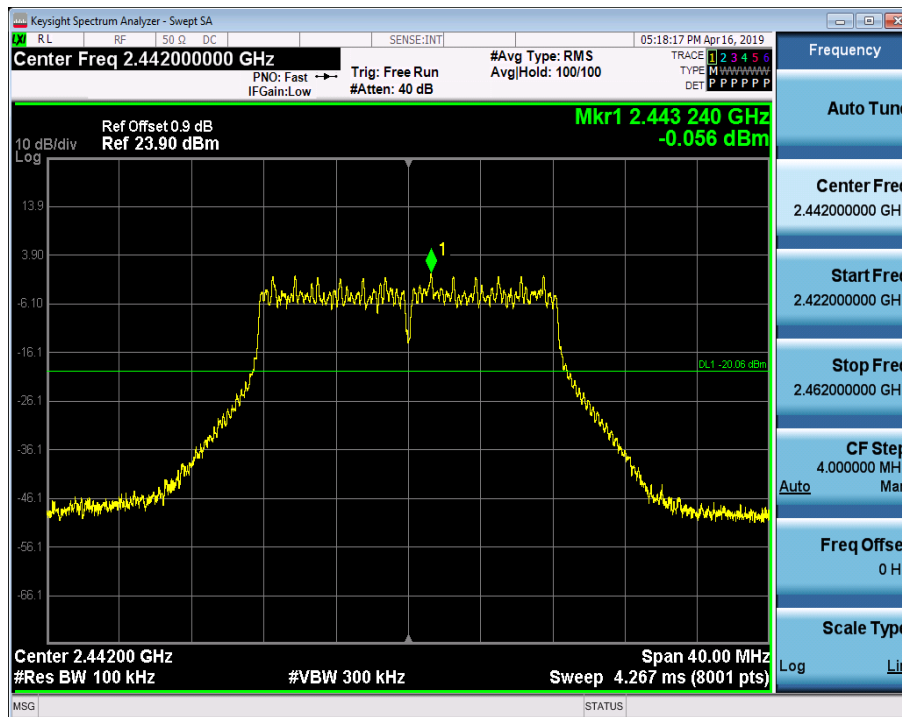


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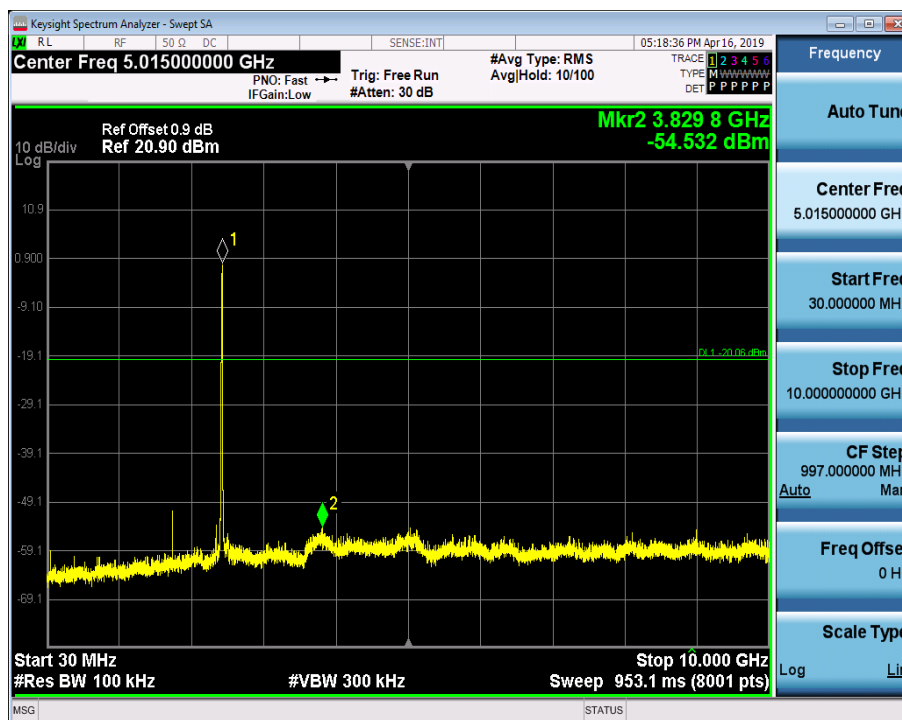
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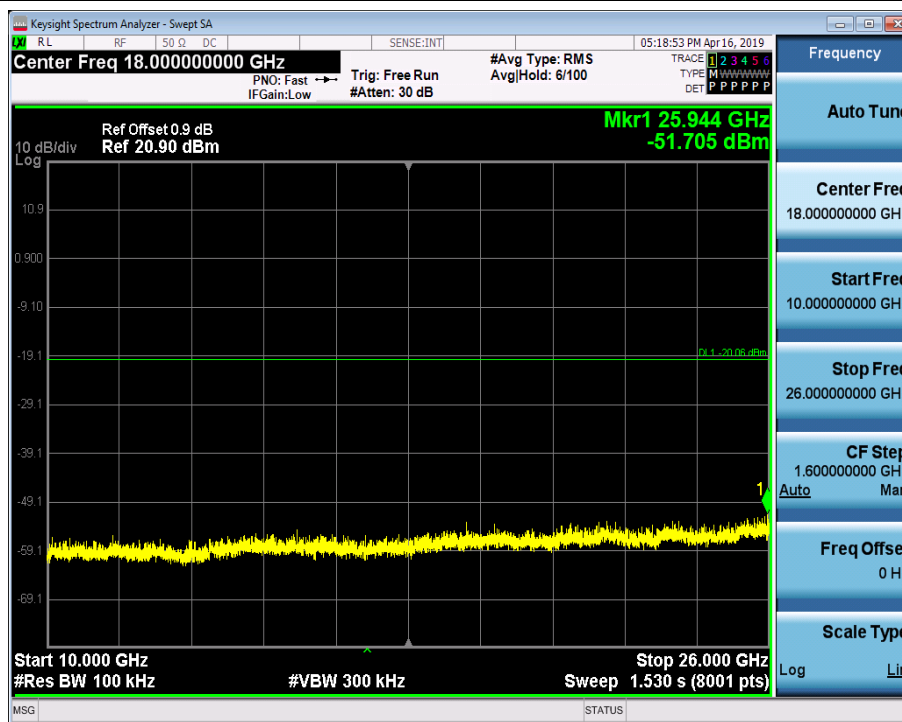
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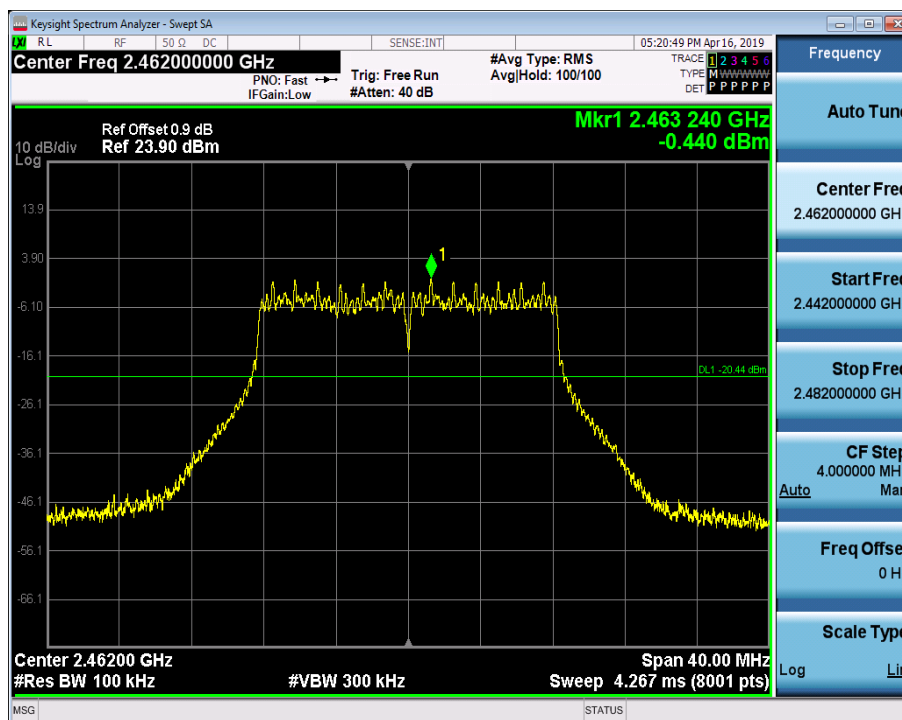
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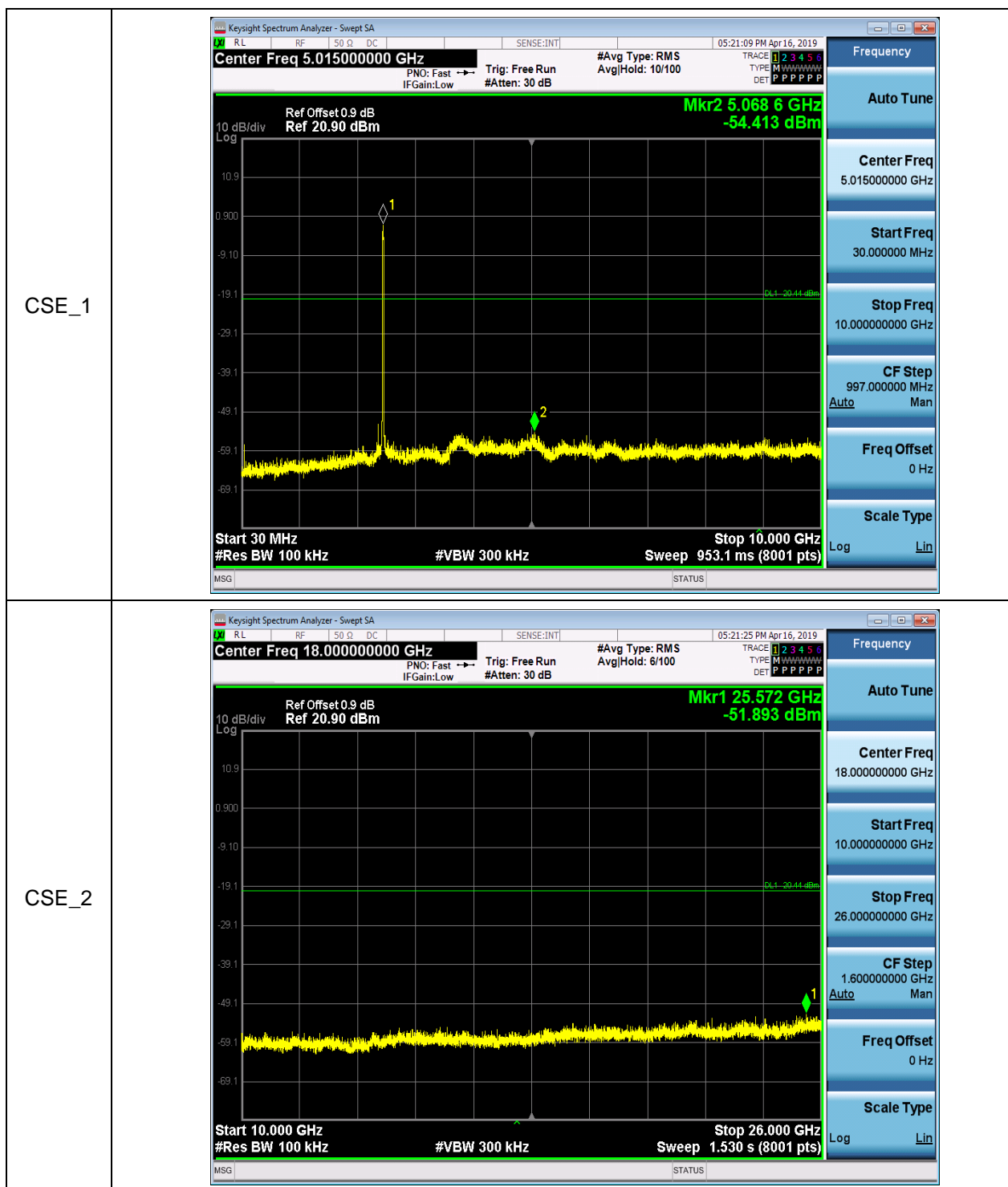
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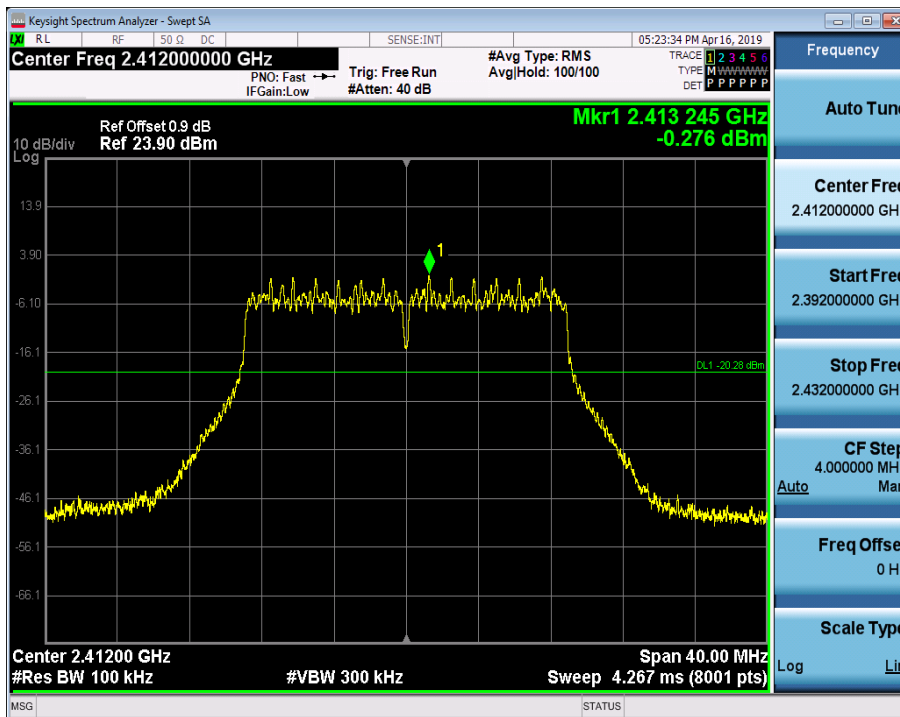


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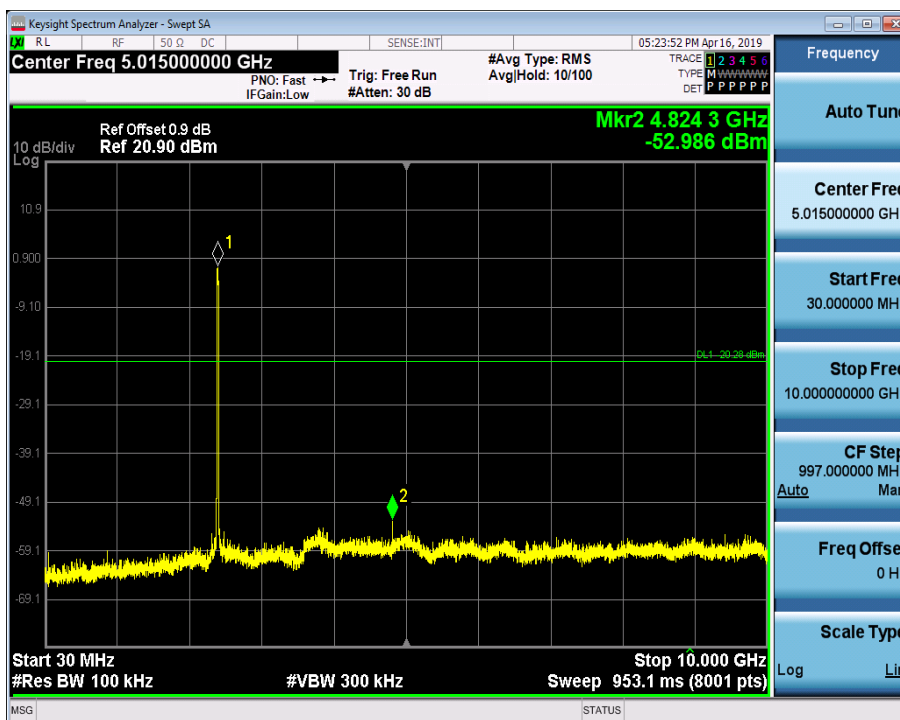
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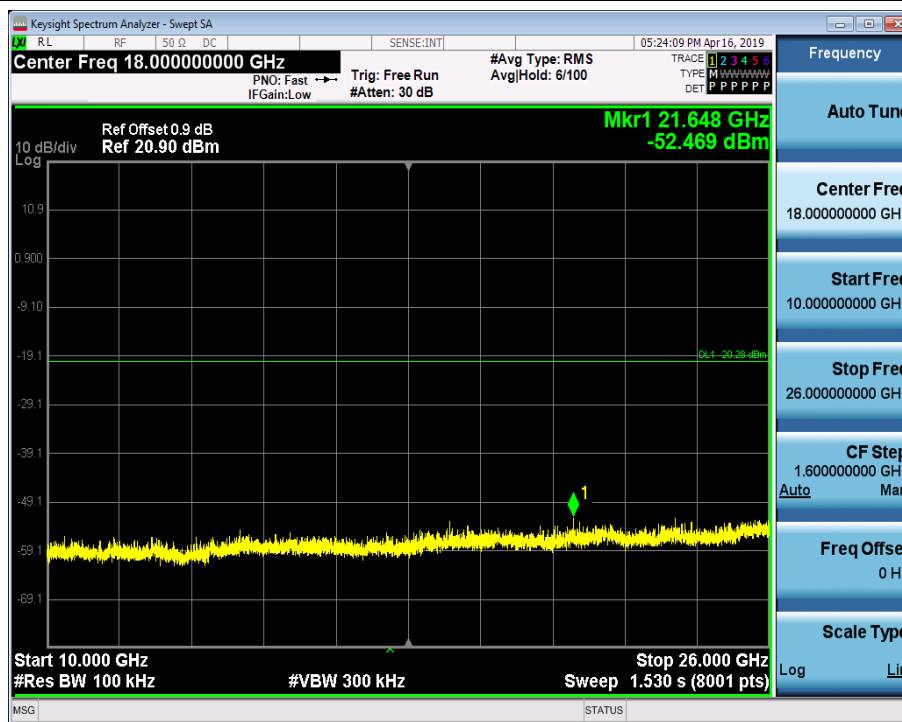
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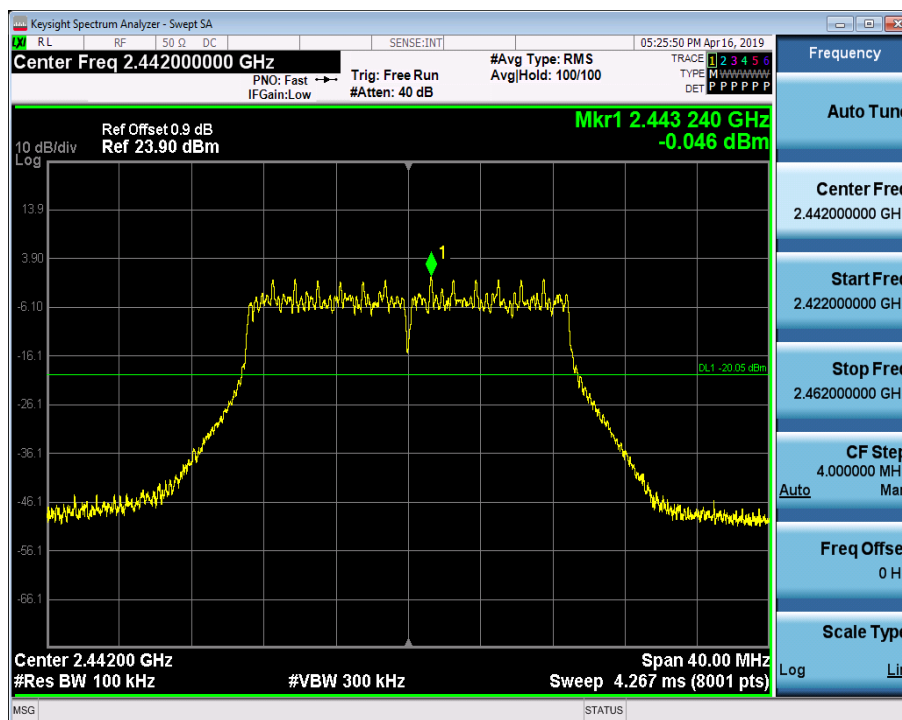
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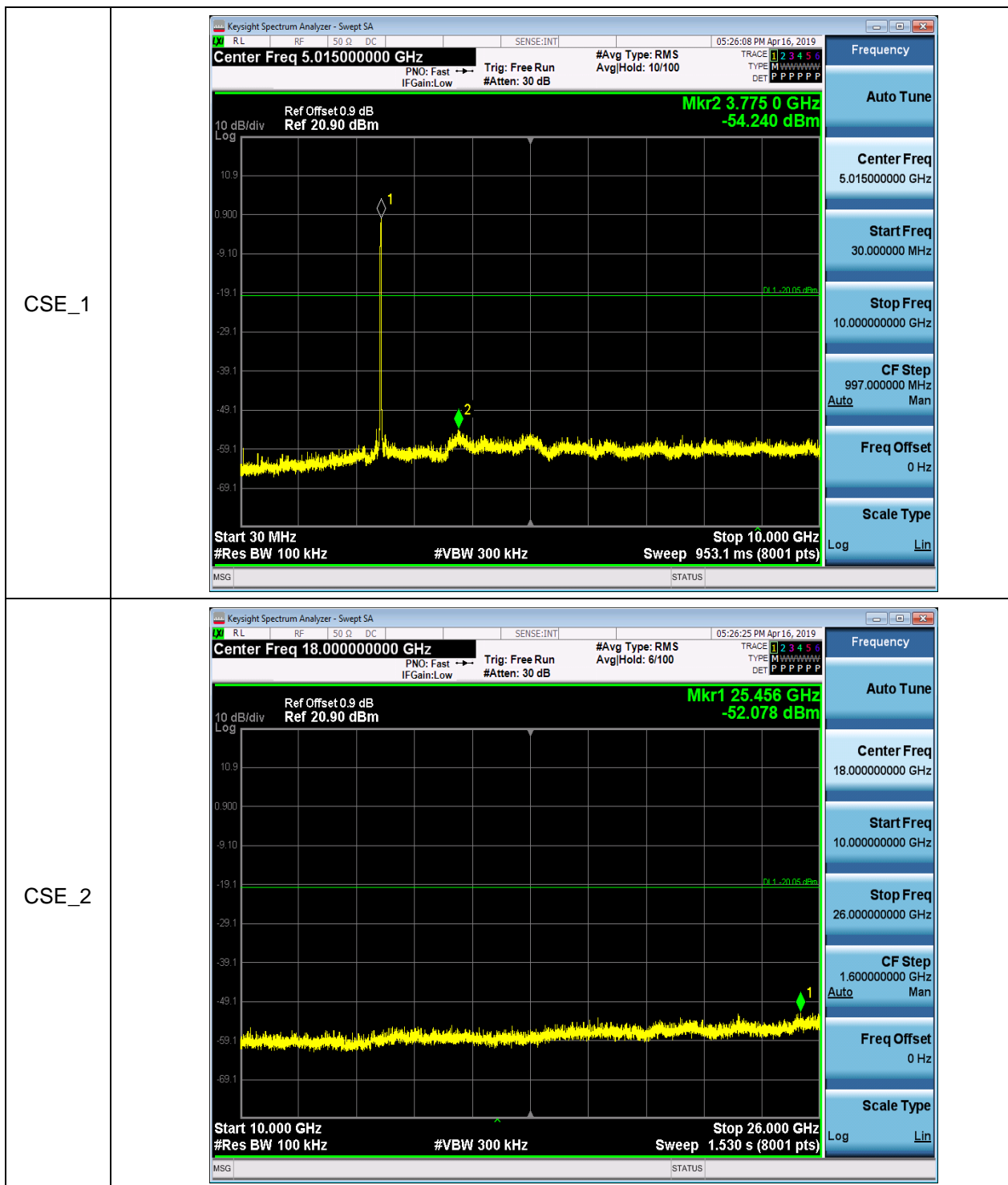
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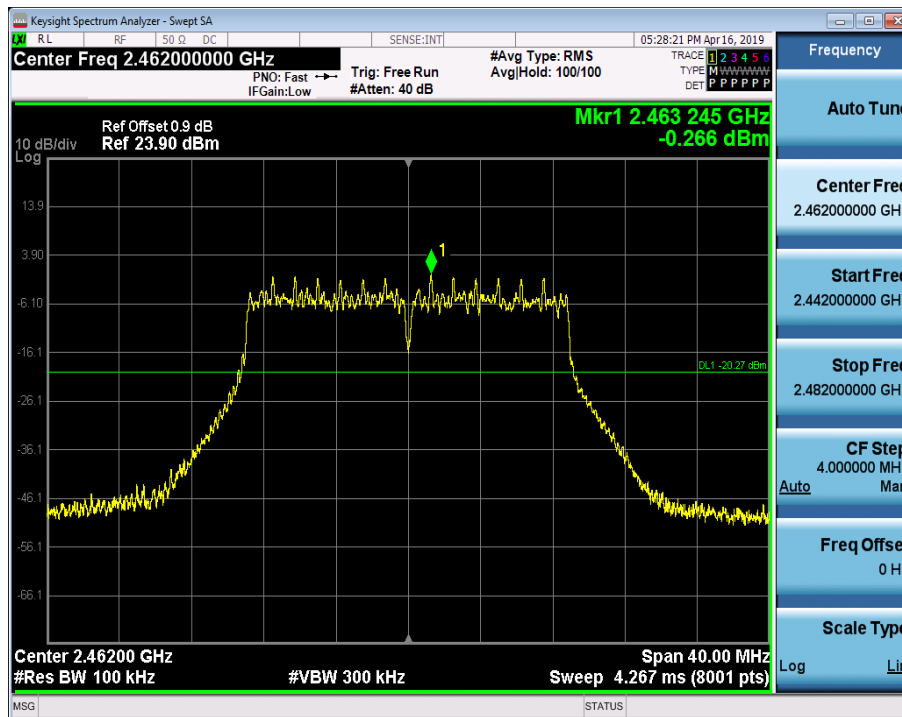


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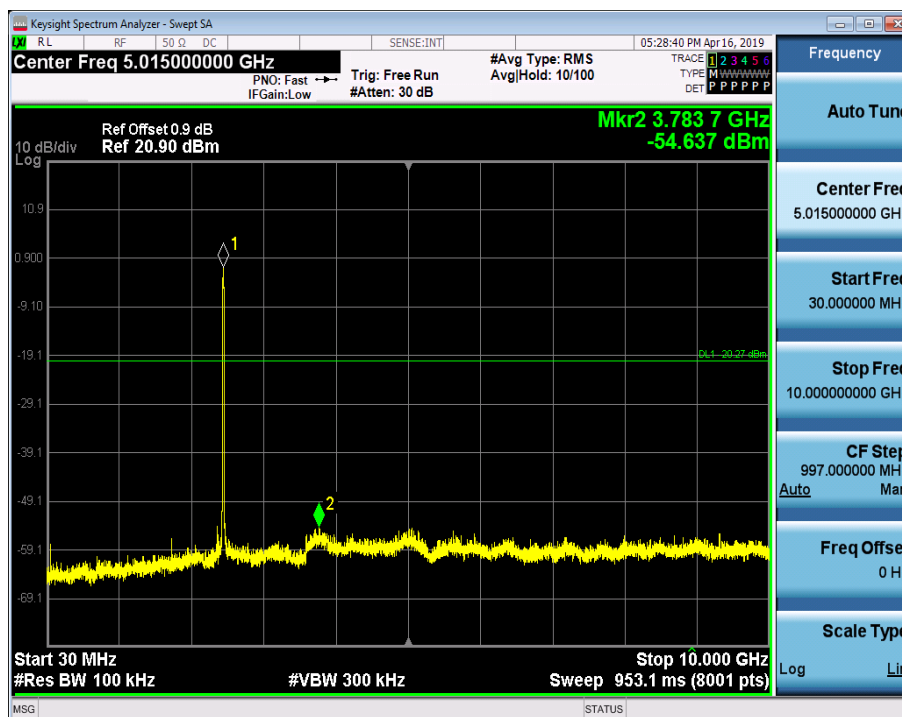
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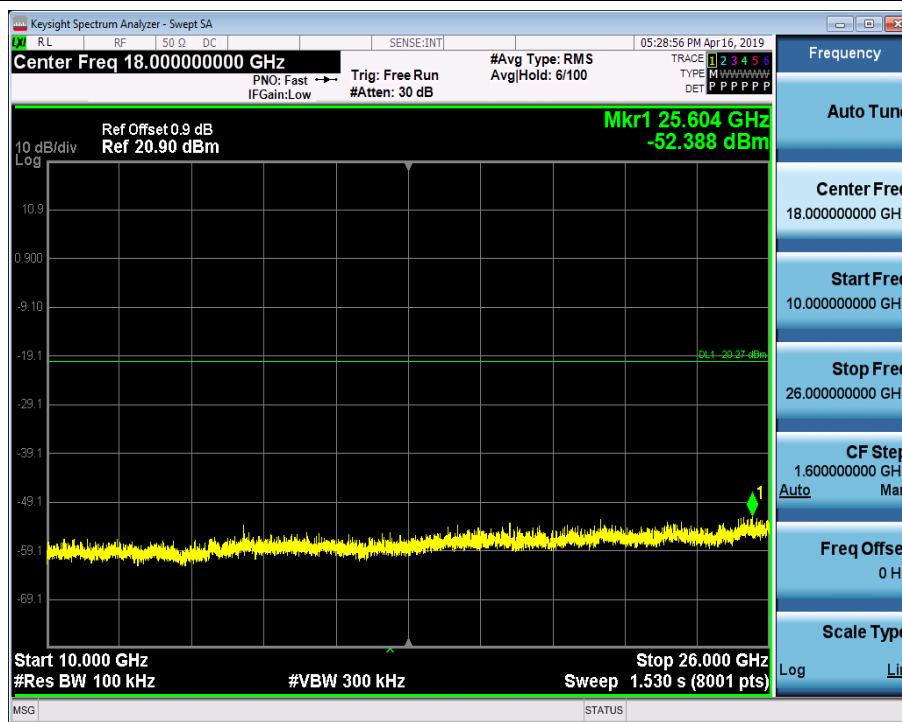
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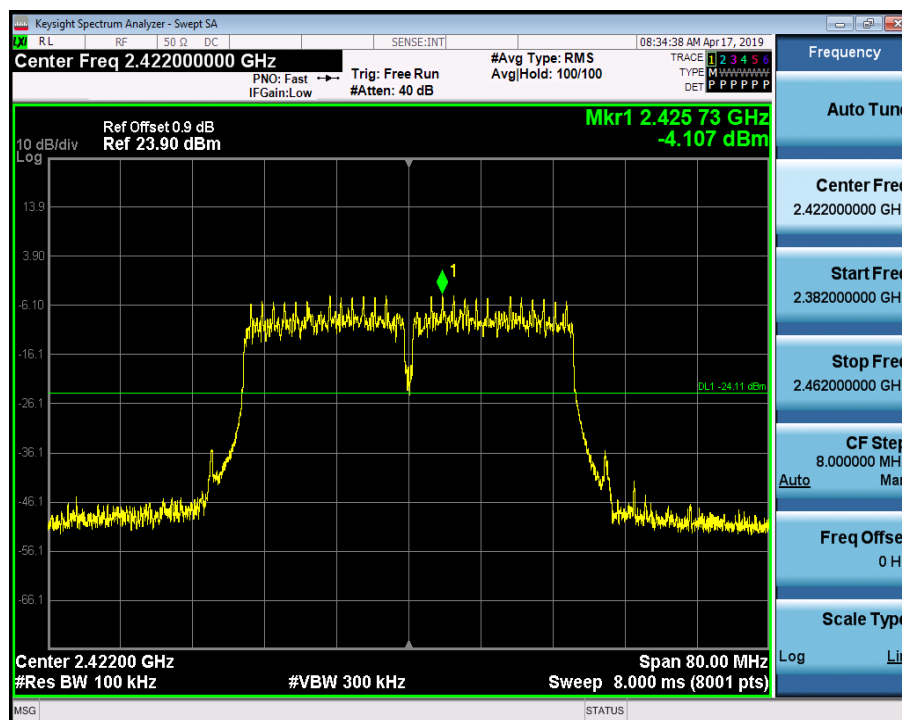
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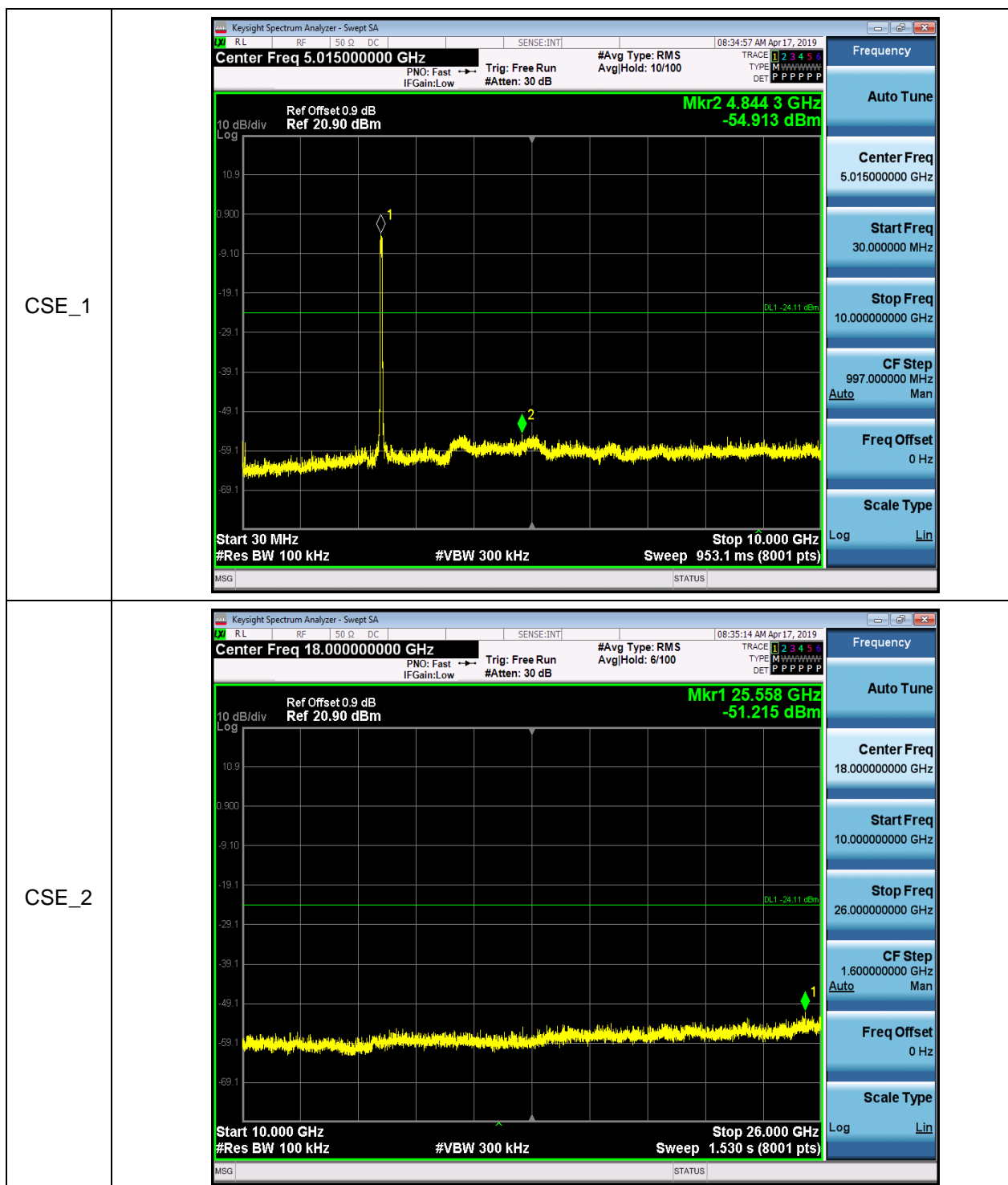
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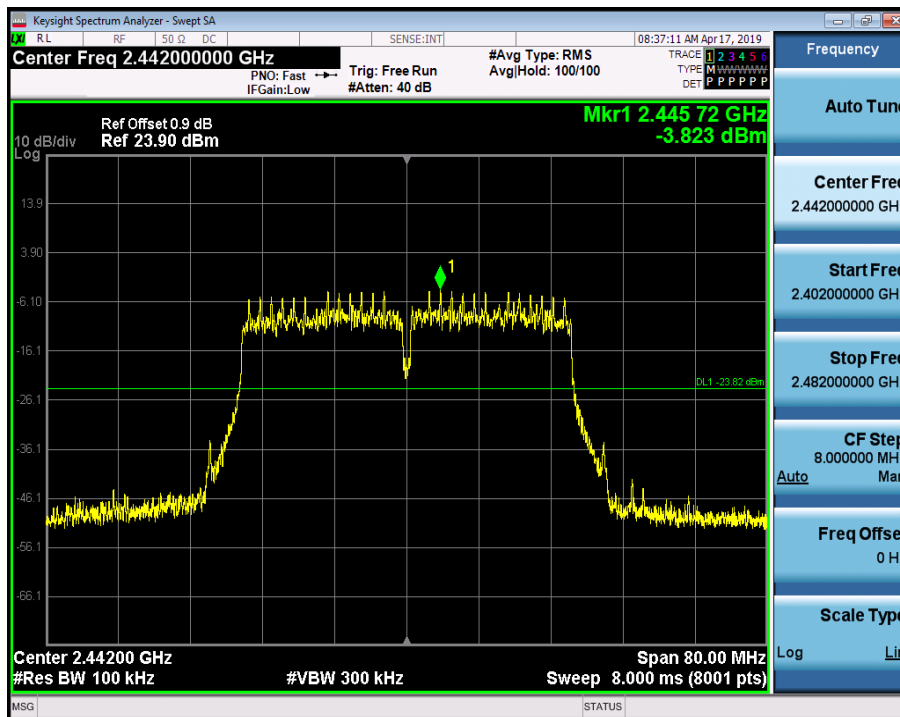


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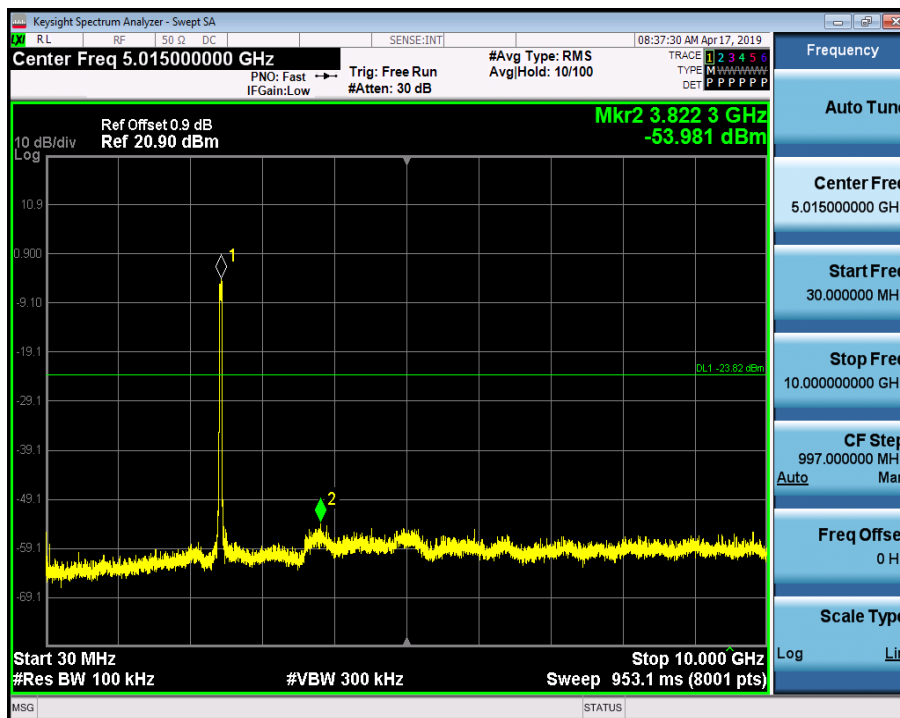
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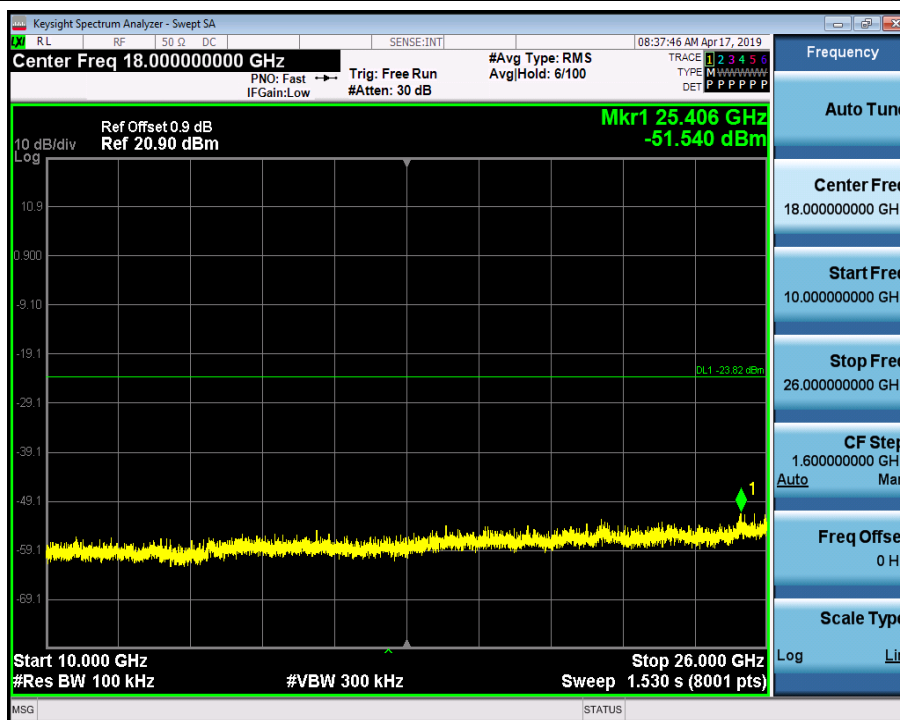
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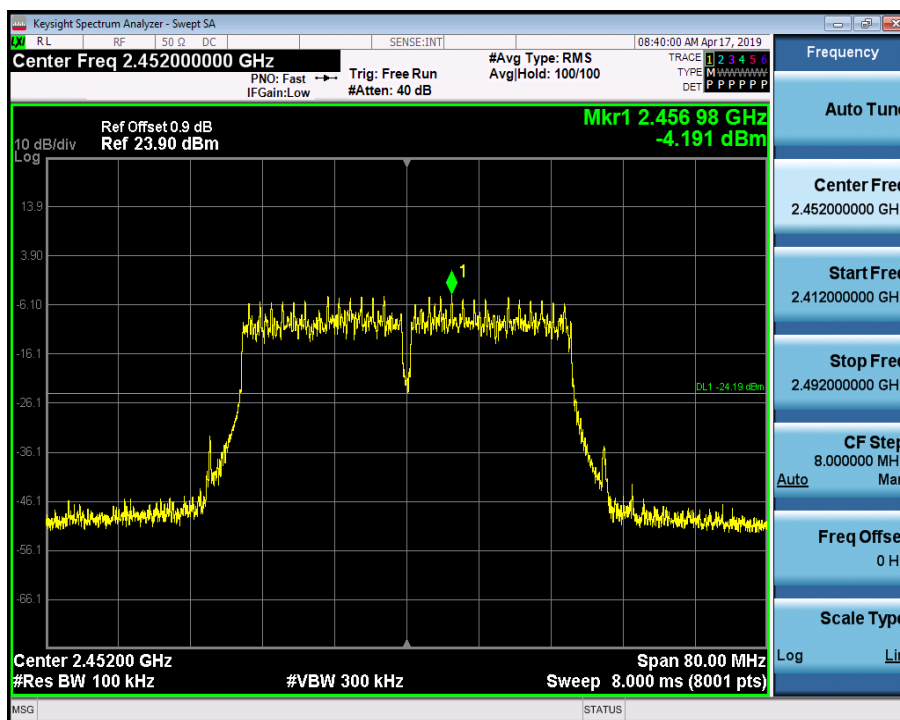
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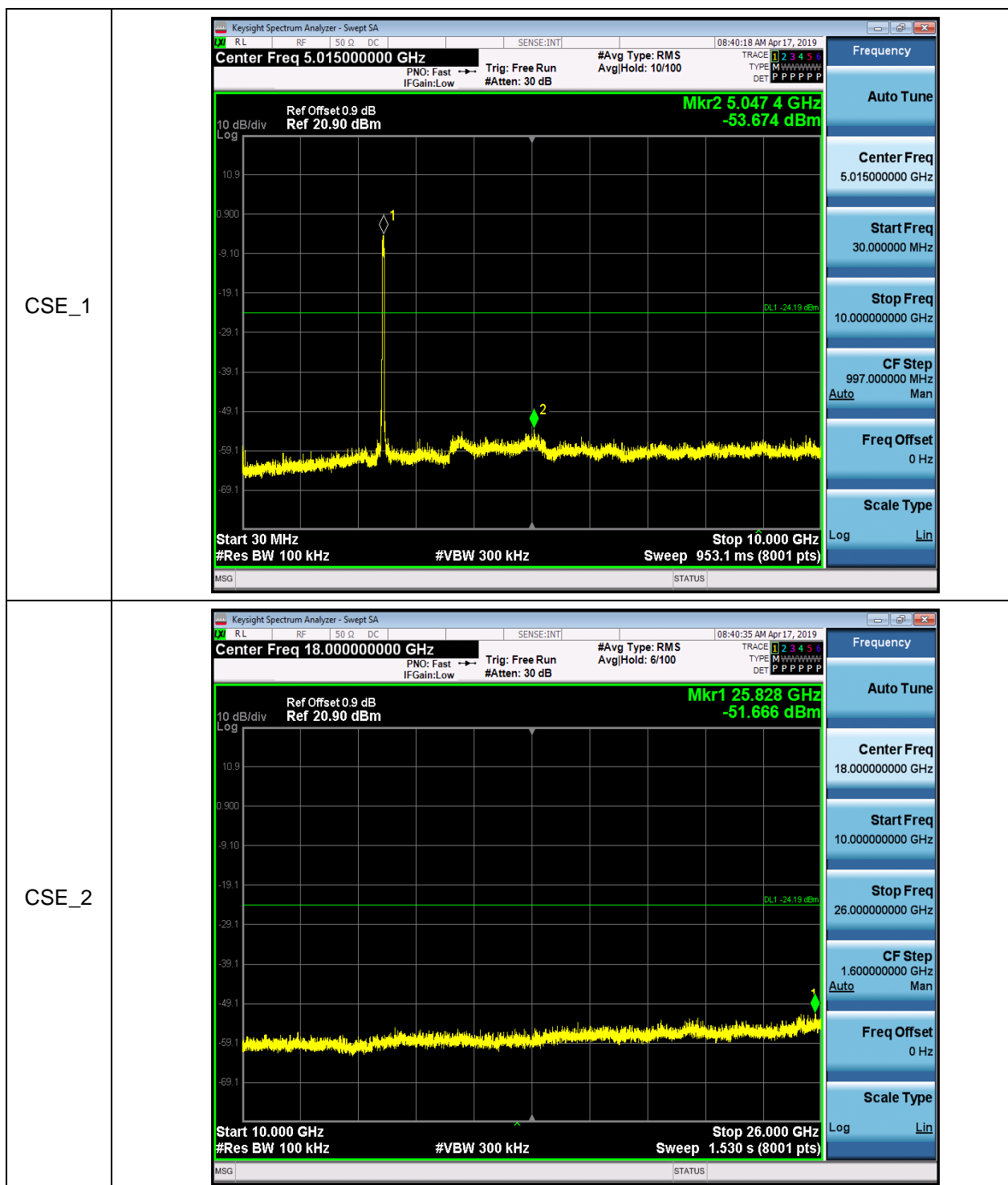
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